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422

THE

Harnden Seed Co.

505 WALNUT STR.

A packet of these fine mixed
German Pansys, 15c. two for 25c.

1902



Kansas City, Mo.



LAWN GRASS.

To produce a good lawn, plow or dig up the surface thoroughly to a depth of 12 or 14 inches and mix the soil with well rotted manure or bone dust, the latter being all times preferable, as it is more durable in its effects and free from weed seeds, which are always contained in more or less quantities in stable manure. The seed can either be sown as early in the spring as the ground can be worked or late in the fall. When the young grass is about five or six inches high, it should be mown, and a continual cutting at regular intervals will be found very beneficial.

The seed we offer is as pure and reliable as can be found anywhere, and our special mixture is composed of those grasses which form an enduring, velvety turf, mixed in such proportions to enable it to withstand the summer drouth. Per lb. 20c. postpaid 30c.

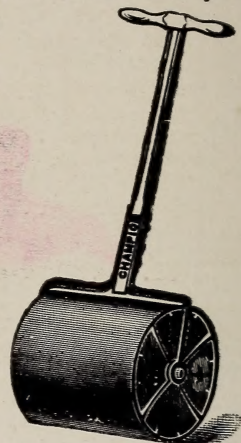
LAWN FERTILIZER. Lawn grass is a voracious feeder and will not thrive and hold its beautiful deep green color and velvety appearance unless it receives a sufficient supply of suitable food. Because so few appreciate this fact is the reason there are so many poor, rusty-looking lawns. Stable manure is unpleasant to handle, ill-looking and decidedly odorous, and is also full of waste material. All these objections are obviated by the use of—Our Lawn Fertilizer—The first application should be made early in Spring, or even in the Winter, and again in June or July; do this before a shower if possible.

Use 25 lbs. to 1000 square feet of surface—25 lb. pkg. \$1 00; 100 lb. sack, \$2.50.

Land Plaster, 5 lbs. 15 cts; 100 lbs. \$1.50.

Champion Steel Garden Roller.

THE CHAMPION STEEL GARDEN ROLLER will commend itself to all users of garden tools as the handiest, strongest and most durable roller made. The cylinder is of wrought steel, with a smooth face, admitting of smooth, light running. The handle is of oak, well ironed and so adjusted as to work both ways, making it unnecessary to turn the roller at the end of path. It is fitted with an iron shoe (not shown in cut) so that when necessary to leave the roller the end of the handle will not drop into the dirt.



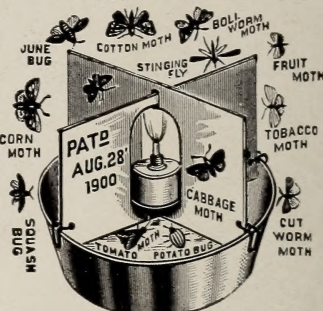
This roller will find favor with all users of garden tools as its first cost is its only cost, it being so constructed as to be practically unbreakable.

10 in. diameter, 15 in. long, weight about 130 lbs. \$13.00. 12 in. diameter, 18 in. long, weight about 200 lbs. \$14.00.

Moth- Catcher.

DEATH
TO
PESTS.

It Works
While You
Sleep.



S.A. HASELTINE'S
MOTH CATCHER

No fruit grower, farmer or gardner can afford to be without it.

Small size, (see cut) 85c. Large size, \$1.00

Books For Farm and Garden.

(PRICES QUOTED INCLUDE POSTAGE.)

| | |
|---|------|
| Asparagus Culture, by James Barnes; the best methods employed in England and France..... | 60 |
| Bulbs and Tuberous-Rooted Plants, by C. S. Allen; a complete history description and methods for the successful culture of bulbs in the garden and house..... | 1 60 |
| Cattle Doctor, Dadd's American, by Geo. H. Dadd; to help every man to be his own cattle doctor..... | 1 10 |
| Celery For Profit, by T. Greiner; the latest improved methods..... | 30 |
| Flower Garden, The Beautiful, by F. S. Matthews; with notes on practical flower culture..... | 50 |
| Gardening For Pleasure, by Pet Henderson; a guide to the amateur in the fruit, vegetable and flower garden..... | 1 80 |
| House Plants and How to Succeed With Them, by Lizzie Page Hillhouse; treatment of plants which can be grown successfully in living rooms..... | 1 10 |
| Landscape Gardening, by F. A. Waugh; cloth, illustrated..... | 60 |
| Manures, by F. W. Semper; how to make and how to use them..... | 45 |
| Mushroom Culture, by W. Robinson; cloth, illustrated..... | 50 |
| Nursery Book, by S. H. Bailey; a complete guide to the multiplication of plants..... | 1 00 |
| Onion Culture, the new; by T. Greiner..... | 80 |
| Peach Culture, by Hon. J. Alex. Fulton; the best work on peach growing..... | 1 00 |
| Pruning Book, by S. H. Bailey, specific advice on the pruning of the various kinds of fruit and ornamental trees, shrubs and hedges..... | 1 60 |
| Small Fruit Culturists, by Andrew S. Fuller; covers the whole ground of propogating small fruits, their culture, varieties, etc; illustrated..... | 1 00 |
| Soils and Cr. p of the Farm, by Geo. E. Morrow; the methods of making available the plant food in the soil; a short history of each of the farm crops..... | 1 00 |
| Spraying Crops, by C. M. Weed; Why, when and how..... | 30 |
| Tomato Culture, by J. W. Day; 133 pages, illustrated..... | 40 |
| Window Flower Garden, by J. J. Heinrich; the author is a practical florist, giving his personal experience in window gardening..... | 65 |
| Your Plants, by James Sheehan, practical directions for the treatment of tender and hardy plants in the house and garden..... | 60 |

TESTED VEGETABLE SEEDS.

DISCOUNTS.

1.—ON SEEDS IN PACKETS AND OUNCES.

Purchasers may make selections of seeds in Packets and Ounces at the following discounts:

- When sending \$1.00, to the value of \$1.25.
- When sending \$2.00, to the value of \$2.50.
- When sending \$3.00, to the value of \$3.75.
- When sending \$4.00, to the value of \$5.00.
- When sending \$5.00, to the value of \$6.25.

These discounts do not apply to seeds sold in larger quantities than one ounce, nor on col-

lections, bulbs, plants or tools. For all of these the published price must be sent.

2.—ON SEEDS IN BULK.

From catalogue prices by the $\frac{1}{4}$ pound, pound, peck or bushel (except on grass, clover and other field seeds) when cash is sent with order, purchaser may deduct 5 per cent on an order from \$3.00 to \$5.00, and 10 per cent on an order from \$6.00 to \$10.00.

OUR PRICES INCLUDE POSTAGE on packets, ounces, quarter pounds, pounds, pints and quart except where noted. If the purchaser will pay freight or express charges, 10 cents per pound, 15 cents per quart and 10 cents per pint may be deducted from the prepaid prices herein offered.

Special Prices on Application on Seeds in Large Quantities.

IN REMITTING SEND MONEY by Express, Kansas City Draft, Registered Letter or P. O. Money Order; we also take postage stamps to any amount. Do not ask us to send goods C. O. D. It is more expensive to both parties and we would be obliged to refuse.

ARTICHOKE

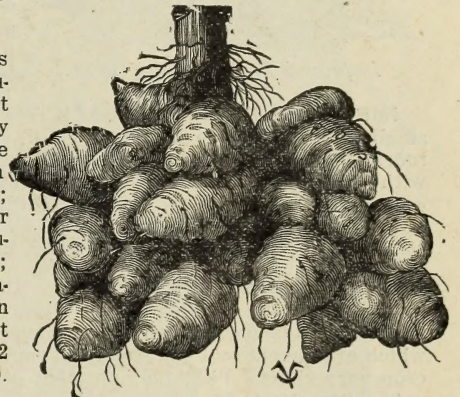
LARGE GREEN GLOBE.

Large globular heads. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 85c.

JERUSALEM ARTICHOKE.

This variety is cultivated for its tubers, which are especially valuable for stock-feeding on account of their fattening properties; they are well adapted to any soil where corn and potatoes can be grown. They are the best hog food known; a preventive of cholera and other hog diseases. Three bushels of tubers are sufficient to seed one acre; cut to one eye, the same as potatoes, planting in April or May, in rows three feet apart and two feet in the rows, and cover about 2 inches deep. Pk., 30c; bu, \$1.00.

CULTURE—Sow early in the spring at intervals of four inches, in drills one foot apart, transplanting the following Spring to permanent bed in drills three feet apart each way.



Jerusalem Artichoke.

ASPARAGUS

CULTURE—The permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizers. Set out in beds five feet wide, three rows in a bed, the outer being each one foot from the edge, and 12 inches in the row; set the plants with roots well spread, about six inches below the surface. After the plants are well started give frequent and thorough cultivation. In autumn, after the tops are fully ripe and yellow, they should be cut and burned and a good dressing of manure be applied, and in the spring forked in, after which one quart of salt to each square rod put on the ground will be found very beneficial. The next season the bed may be cut over two or three times, but if this is done all the roots, no matter how small, should be cut, and after the final cutting, give a good dressing of manure and frequent cultivation. For market on a large scale, set four feet apart one way, and one and one-half the other. To grow plants from seed, sow in drills 1 inch deep, in rows one foot apart: soak the seed before planting should produce enough plants to set one acre.

CONOVER'S COLOSSAL. A productive and popular sort, and probably as good as any. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c.

PALMETTO. Earlier than the Colossal. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb. 50c

COLUMBIAN MAMMOTH WHITE. A new variety with white shoots stays white without earthing up or blanchink. Pkt 5s, oz 10, $\frac{1}{4}$ lb 20, lb 75c.

ASPARAGUS ROOTS. One year old, 100 60c, 1,000 \$4.50; 2 years old, 100 75c, 1,000 \$5.50; not prepaid.

BROCCOLI

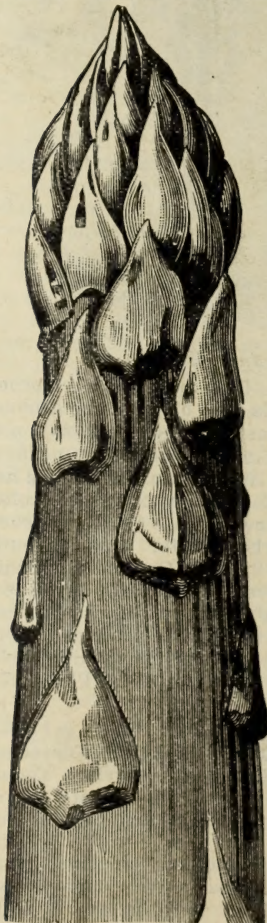
CULTURE—Requires in all respects same treatment as cauliflower, which it resembles.

LARGE WHITE. Per pkt., 5c; per oz., 25c; $\frac{1}{4}$ lb., 75c

BRUSSELS SPROUTS

CULTURE—Sow the seed in May in the same manner as Cauliflower; transplant in July in rows three feet apart plant one foot apart in rows.

PARIS MARKET. Per Pkt., 5c; per oz., 15c; $\frac{1}{4}$ lb., 35c.



Conover's Colossal.

BEANS. BUSH or SNAP

CULTURE—The soil best adapted to them is a light, rich well drained loam, which was manured for the previous crop; do not plant before the ground has become dry and warm; drop the seed in drills from two to three feet apart, leaving two to four plants to the foot of row; cultivate them frequently up to the time of blossoming, but never disturb them when the ground or plants are wet with rain or dew; remember that beans should be cultivated very shallow as any cutting of the roots after the plants come into bloom is liable to cause the blossoms to blast. 1 pt. to 100 ft. of row; 1 bu. per acre.

Wax Podded Varieties.

DWARF GOLDEN WAX. Old standard variety; seeds nearly round, purple and white; pods nearly



Improved Prolific Black Wax.

IMPROVED PROLIFIC BLACK WAX. Beans small jet black; pods medium length, curved, cylindrical, fleshy, and of a clear waxy yellow color with long slightly curved point. This bean is more extensively used by the market gardeners than any other variety of the wax bean. Pkt., 10c; pt. 25c; qt., 40c; prepaid. Per pk., \$1.50, not prepaid.

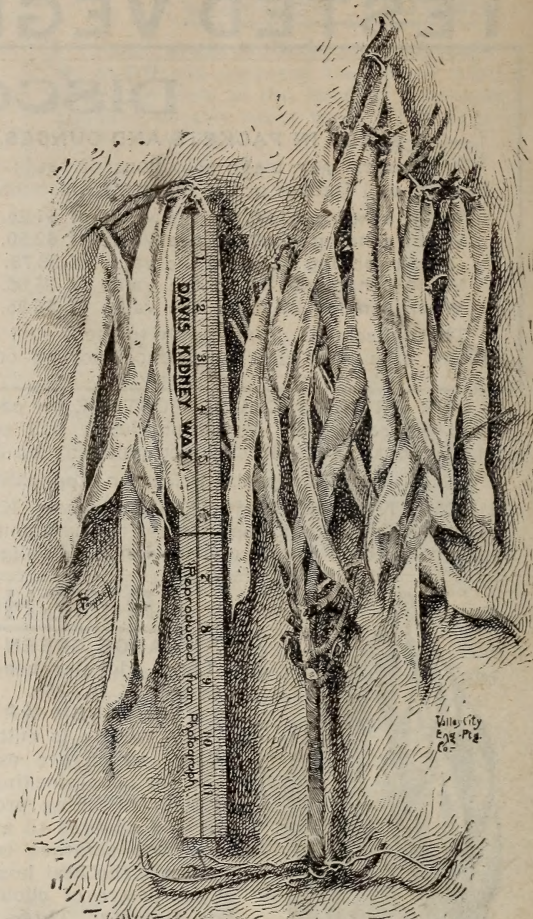
WARDWELL'S KIDNEY WAX. Ripens about as early as the Golden Wax; vines large and strong; handsome golden-yellow, long flat pods which are almost entirely free from rust and spots; crop very short. Pkt., 10c; pt., 25c; qt., 45c; prepaid. Per pk., \$1.75, not prepaid.

CRYSTAL WHITE WAX. Not strictly a wax bean; pods greenish-white, short curved, round or thicker and brittle. Pkt., 10c; pt., 25c; qt., 45c; prepaid. Per pk., \$2.00, not prepaid.

Jones' Stringless Wax

A White Seeded Variety with Round, Stringless Pods of Unsurpassed Beauty and Quality.

This grand Stringless bean is Absolutely Rust-proof, on all soils and in the most unfavorable season; it is nearly a week earlier than any strain of black wax. The pods are long, perfectly round, and exceptionally solid, of a delicate light color, perfectly stringless, showing no coarseness even when past their prime; retains its brittleness and fine table qualities when nearly matured. In summing up its good qualities the originator claims that more bushels per acre of green pods can be picked from an acre than from any other wax bean known, and if left to ripen a larger yield of dry beans can be harvested than from the field varieties, and therefore will prove a valuable sort for the farm as well as the gardener. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., \$2.00, not prepaid.



Davis Kidney Wax.

DAVIS KIDNEY WAX. This plant is a vigorous grower, carrying the pods well up from the ground. In productiveness it is astonishing, as it will produce at least one-third more bushels of pods to the acre than any other Wax Bean. The pods are long, straight, oval, of clear waxy-white color, and handsome, often growing to a length of seven to eight inches, and, when fit for use, are quite stringless and of fine flavor. One of the main points of superiority over other sorts is its extreme hardiness and shipping qualities. Another good point of merit is, the plants produce a very small portion of waste or second quality pods. Pkt., 10c; pt., 25c; qt., 45c; prepaid. Pk., \$1.75, not prepaid.

GREEN POD VARIETIES.

EXTRA EARLY RED VALENTINE. For snaps there is nothing superior to this variety among the older green podded sorts. The plants are of dwarf, compact bush growth, fifteen to eighteen inches high, very prolific; they are hardy and early in maturing. Pods medium length, curved cylindrical, with crease in back, very fleshy, crisp and tender even when full grown. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.50, not prepaid.

EARLY MOHAWK. Pkt., 10c; pt., 25c; qt., 35c; prepaid. Per pk., \$1.10, not prepaid.

EX. EY. YELLOW SIX WEEKS. 10c, 25, 40, 1.35

EX. EY. REFUGEE. One of the earliest of green podded sorts; used for pickling; pods long, cylindrical, green, becoming white, streaked with pur-



Extra Early Red Valentine.

ple as they mature. Pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$1.25, not prepaid.

BEST OF ALL. Pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$1.50, not prepaid.

HORTICULTURAL DWARF. Pkt., 10c; pt., 20c; qt., 45c.

WHITE NAVY. Per pkt., 10c; per pt., 20c; per qt., 35c; postpaid. Per pk., 75c; per bu., \$2.75, not prepaid.

ROYAL DWARF KIDNEY. Pkt., 10c; pt., 25c; qt., 35c; postpaid. Pk., \$1.00, not prepaid.

NEW STRINGLESS GREEN POD. Earliest Green Podded Bush Bean. For either the market or home garden, no other green podded bean can be more highly recommended. It is very early. The pods are a rich green, very round and straight five inches long, deeply creased along the back caused by the rounded swell of the fleshy sides. The pods are tender, bright, and of the finest flavor, always *entirely stringless*, even when fully matured. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.75, not prepaid.

NEW GIANT STRINGLESS GREEN POD VALENTINE. The Improved Valentine has for a long time been a very popular bean among market gardeners as well as those growing for their own table. In this new variety we have all the good points of the parent with some marked improvements. The pods, produced abundantly, although of a lighter green, are considerably larger, are round, full, fleshy and brittle, being *entirely stringless* when the beans are full grown. We consider it a very fine bean. Try it. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.75, not prepaid.

Pole or Running Beans.

LAZY WIFE. The pods are produced in great abundance and measure from 6 to 8 inches in length; they are broad, thick, very fleshy and *entirely stringless*. The pods retain their rich, tender and stringless qualities until nearly ripe, and are unsurpassed in all stages. Each pod contains 6 to 8 round, white beans, which make excellent winter shell beans. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., \$2.00, not postpaid.

DUTCH CASE KNIFE. One of the earliest pole beans; pods long and flat; beans white, of excellent quality green or dry. Pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$1.50, not prepaid.

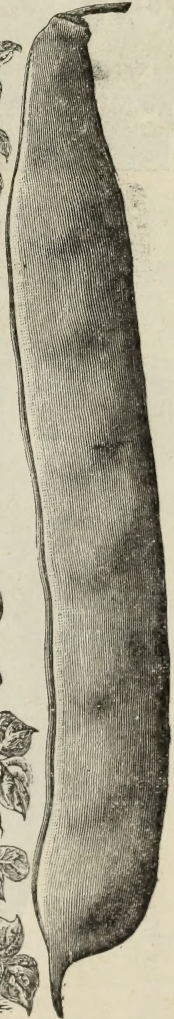
EARLY GOLDEN CLUSTER WAX. A very desirable sort. Pods six to eight inches long borne in abundant clusters, each containing from three to six pods.

Pkt., 10c; pt., 30c; qt., 50c; postpaid.

SPECKLED CUT SHORT OR CORN HILL. Will grow when planted among corn, without poles; good cropper and very popular. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.75, not postpaid.

KENTUCKY WONDER OR OLD HOME STEAD. An early and very prolific sort. Pods green, very long, often reaching nine or ten inches borne in clusters, excellent for snaps. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., \$2.00, not prepaid.

HORTICULTURAL POLE. The mammoth pods are striped, and splashed with exceedingly brilliant crimson. Pkt., 10c; pt., 25c; qt., 40c; post-



POLE BEAN. White Creaseback.

WHITE CREASEBACK. Large long pods growing in clusters of from six to twelve of a silvery green, of the best quality as snaps, and stand shipping better than most sorts. A good corn-hill bean. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., \$1.75, not prepaid.

KING OF THE GARDEN LIMA. Pods very large and frequently contain from five to six large beans. Similar to the Large White Lima, but matures much earlier. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.75, not postpaid.



Burpee's Bush Lima.

BURPEE'S BUSH LIMA

The bushes grow from 18 to 20 inches high, of stout growth and always erect (yet branching so vigorously that each plant develops into a magnificent circular bush from 2 to 3 feet in diameter.) It is an immense yielder, each bush bearing from 50 to 200 of the large handsome pods, well filled with very large beans which are identical in size and luscious flavor to the well known large Pole Limas. Per pkt., 10c; &pt., 25c; qt., 45c; postpaid Pk., \$1.75, not prepaid.

HENDERSON'S BUSH LIMA

Grows without poles in compact bush form, about 18 inches high. Very productive; two weeks earlier than any of the Pole Limas. Per pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$1.60, not prepaid.

MANGEL WURZEL.

CULTURE—Sow the seed during April and not later than the last of May. Plant one inch deep in drills from 2 to 2½ feet apart, dropping from 6 to 10 seeds to the foot, which will require from 6 to 10 lbs. to the acre. When the plants are three inches high thin out with the hoe to 10 to 12 inches. Cultivate well and often but discontinue as soon as the roots have commenced to form. The roots should be harvested and stored in pits or cellar when ripe, for if left they may start into fresh growth.

HARDEN SEED CO'S. MAMMOTH LONG RED The roots are very large, uniformly straight and heavy cropper, frequently producing forty tons to the acre. It is the best long red mangel and of the greatest value for stock feeding. Pkt. 5c; oz., 10c; ¼ lb., 15c; 1 lb., 35c; postpaid. By express, 25c per lb.

CHAMPION YELLOW OR ORANGE GLOBE Much esteemed for its smooth globe shaped roots, which grow to a large size; flesh white; an excellent keeper. Pkt., 5c; oz., 10c; ¼ lb., 35c; postpaid; by express, 25c per lb.

GOLDEN TANKARD. One of the finest mangels in cultivation; used extensively in England for dairy farming; of almost cylindrical shape. Color deep yellow. Pkt., 5c; oz., 10c; ¼ lb., 15c; 1 lb., 35c, postpaid. By express, 25c per lb.

SUGAR BEETS.

VILMORIN'S IMPROVED SUGAR. An improved French sort, containing the largest per cent of sugar of any known variety, and therefore the most desirable beet for the sugar factory. In size it is medium, yielding from 10 to

6 tons per acre, and containing from 16 to 18 per cent of sugar. It grows below the surface. Pkt., 5c; oz., 10c; ¼ lb., 15c; 1 lb., 35c, postpaid. By express, 25c per lb.

LANE'S IMPERIAL SUGAR. This beet grows to a large size, will yield almost as much in bulk as the best mangel, and contains a large percentage of sugar. The roots are smooth, free from small rootlets, broad at the shoulder, and gradually taper to the base. Grows partially above the ground. Smooth, whitish-green skin, snow-white flesh. Pkt., 5c; oz., 10c; ¼ lb., 15c; 1 lb., 35c, postpaid; by express, 25c per lb.



MANGEL WURZEL.

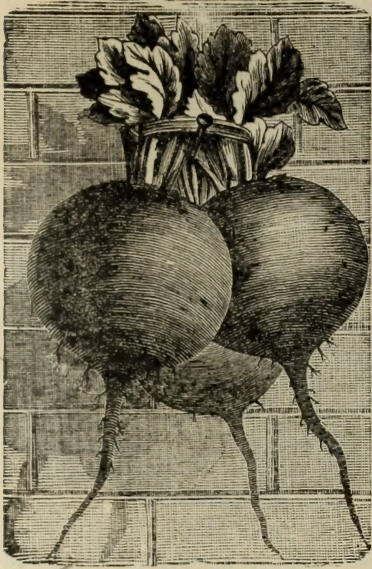
Harnden Seed Co's Mammoth Long Red.

Swiss Chard Beet or Summer Spinach

of no value as beets. Sown early in the spring in rows 16 inches apart and the seedlings afterwards thinned out to 6 inches in the rows, it makes a much superior to spinach, Lb., 60c; ¼ lb., 20c; oz., 10

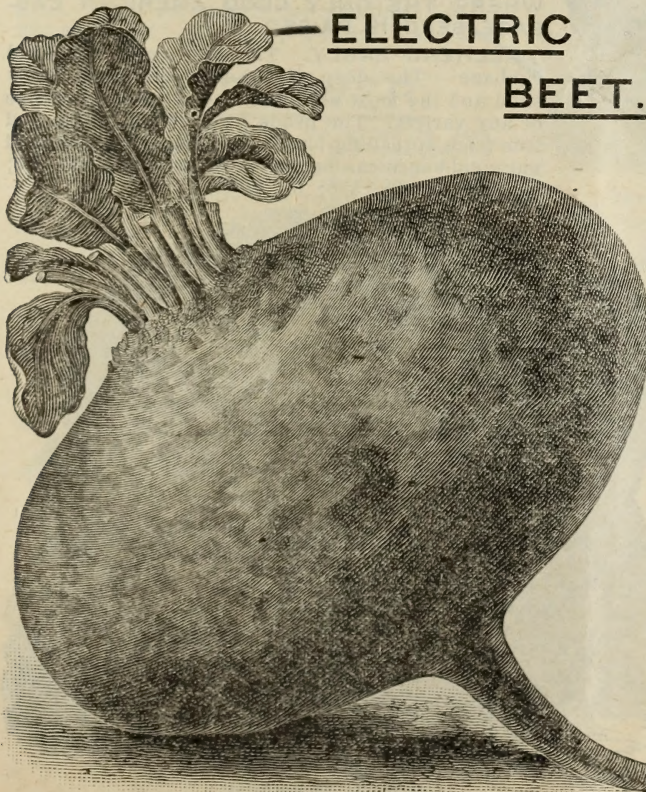
A distinct vegetable and much superior to the common beet for greens and equal to spinach.

It must be remembered, however, that the roots are

*Eclipse Beet.*

✓ **EDMAND'S EARLY BLOOD TURNIP.** A selected strain of blood turnip beet; a deep blood red in color with small tops; handsome appearance, favorite with market gardeners as a late sort. Pkt., 5c; qt., 10c; ¼ lb., 20c; 1 lb., 50c; postpaid.

✓ **LONG SMOOTH DARK RED.** An excellent late variety, flesh dark-red, zoned with lighter shades, remaining tender and sweet until spring. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c; postpaid.



ELECTRIC BEET.

BEETS.

WE PAY THE
POSTAGE.

CULTURE—Cultivation has more effect in the quality of this than of most any other vegetable. To be sweet and tender it must be grown quickly, a result that can only be obtained by having the soil worked deep, made light and rich by the application of well rotted manure. Sow in drills 18 inches apart and one inch deep; thin to 4 inches apart. For winter use the turnip varieties may be sown in June. 1 oz. to 100 ft. of drill; 4 lbs. per acre.

✓ **EGYPTIAN.** The finest early market sort and best variety for forcing. Roots very dark red, tender and sweet, in form like the Flat Dutch Turnip, rounded on top. The seed we offer is a special selection of the darkest and most perfect roots with small tops, and is undoubtedly the finest that has ever been put on our market, as any and all gardeners can tell who procured their seed from us. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; prepaid.

✓ **ECLIPSE.** Another very fine early variety with globe-shaped roots; flesh dark-blood, zoned with a lighter red, very sweet, crisp and tender, especially when young. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; postpaid.

✓ **DEWING'S EARLY BLOOD TURNIP.** Deep blood red turnip shape. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c; postpaid.

✓ **IMPROVED EARLY BLOOD TURNIP.** This is an improved strain of the old Blood Turnip Beet, having smooth round shoots of medium size, with dark-red flesh, fine grain, very sweet, excellent for summer and autumn use. Pkt., 5c; oz., 10c; ¼ lb., 20; 1 lb., 50c; postpaid.

*Edmand's Early Turnip Beet.*

Round, Smooth Skin,
Deep Blood-red Flesh,
Rich and Tender;
As Early as Egyptian;
Small Top and Fine
Keeper

Pkt. 5c; oz. 10c; ¼-lb. 25c; 1 lb. 80c
postpaid.

CABBAGE.

✓ **EARLY SPRING CABBAGE.** Nearly as early as the Wakefield and more productive. This famous Extra Early French Cabbage (Early Paris Market) is the type of the Early All Head, resembling it in habit of growth, but it is smaller and nearly as early as the Wakefield. It is round in shape, slightly flattened and very solid. On account of its shape, productiveness and solidity, and following the Wakefield so closely, growers will find the Early Spring a more profitable variety. Market gardeners cannot do without it. The seed we offer is grown by the originator. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.

✓ **EXTRA EARLY JERSEY WAKEFIELD.** Selected strain. Grown only from selected heads the favorite variety for both market gardeners and general use; pointed heads, the best early sorts. Pr Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

✓ **HENDERSON'S SUCCESSION.** This cabbage is called a late, although but very little later than Henderson's Early Summer; larger size, however



Early Spring Cabbage.

and a sure header. Valuable acquisition for second early variety. Pkt., 5c; 1 oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

✓ **HARDEN'S LARGE HEADING WAKEFIELD.** Similar in every respect to the Jersey Wakefield, except that it is very much larger, and not quite so early. Heads not quite as much pointed. This has given the best of satisfaction on our Kansas City market. Per pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.00 (Remember this variety does not grow very uniformly in shape.)

✓ **OUR CABBAGE IS LONG ISLAND GROWN, WHERE THE ONLY GOOD AMERICAN CABBAGE SEED IS RAISED.**

✓ **ALLHEAD EARLY.** The best early flat head cabbage. The deep, flat heads are remarkably solid and the most uniform in color, shape and size of any variety. The heads grow so compactly and free from spreading leaves that fully one thousand more cabbages can be grown on an acre. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

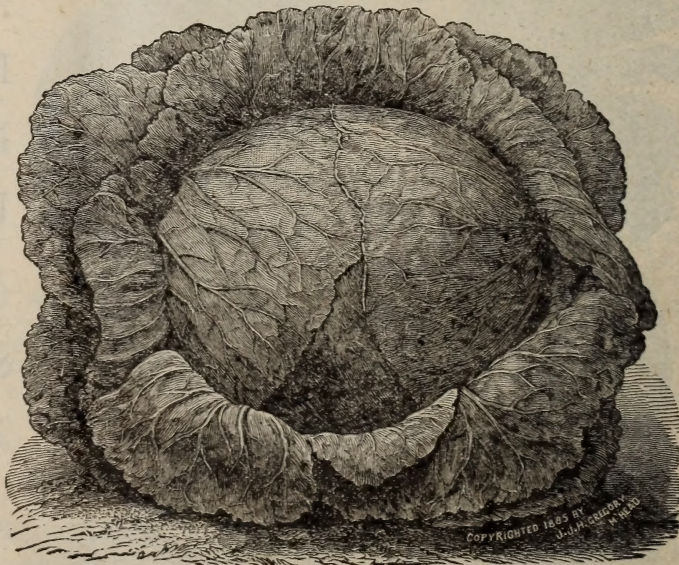
✓ **HENDERSON'S EARLY SUMMER.** Forms a large, solid, compact head of excellent quality. Per pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25.

✓ **EARLY FLAT DUTCH.** A standard second early variety; heads round flattened and of excellent quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

✓ **ALL SEASONS.** Solid, compact; nearly or quite as early and larger than Henderson's Summer. Has given surprising satisfaction. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

✓ **LOUISVILLE DRUMHEAD.** Large late variety; well adapted to growing in Southern latitudes, and a great favorite among market gardeners. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.

✓ **MARBLEHEAD MAMMOTH DRUMHEAD.** Late variety the largest cabbage grown, heads often weighing more than 20 pounds. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.



Louisville Drumhead.

*Vandergaw.*

cannot be excelled. Pkt., 5c; oz., 20c; ¼ lb., 75c; lb., \$2.25.

✓ **SURE HEAD.** Remarkable for its certainty to head; it produces large round flattened heads which are very hard. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

✓ **EARLY ULM SAVOY.** Very early and of fine quality. Heads round, beautifully crumpled, solid and of a deep green color. Pkt., 5c; oz., 25c; ¼ lb., 70c.

✓ **DARK RED ERFURT.** Earlier than the Red Dutch, a most excellent sort for pickling. Pkt., 5c; oz., 25c; ¼ lb., 70c.

✓ **IMPROVED RED DUTCH.** (Red Drumhead.) Used exclusively for pickling; heads flat and solid; color deep purple. Pkt., 5c; oz., 25c; ¼ lb., 70c.

CAULIFLOWER.

CULTURE—Early sorts are grown in January and February in hot beds, and transplanted once before setting out in the open ground. Avoid planting in land in which cabbage, turnips or any crop of that nature has been grown. When heading, tie the leaves on the top together to protect the crown from exposure to the sun. Water frequently, especially when heading. It should be born in mind that cauliflower will not head up well in hot dry weather.

*Extra Ey. Dwarf Erfurt.*

CABBAGE—Cont.

✓ **VANDERGAW.** This valuable variety is the result of many years selection by Mr. Vandergaw, a well known Long Island market gardener. One of the best varieties for general crop. If planted early it is ready for use nearly as early as Early Summer, while with late planting it can be used for fall or winter, being of large size and very solid. Pkt., 5c; oz., 20c; ¼ lb., 60c; per lb., \$2.25.

✓ **HARDEN'S PREMIUM LARGE LATE DRUMHEAD.** Round large compact heads; good for fall and winter use. Pkt., 5c; 1 oz., 20c; ¼ lb., 75c; lb., \$2.50.

✓ **HARDEN'S PREMIUM LARGE LATE FLAT DUTCH.** We have taken great pains in the selection of this strain, and have sold it to our market gardeners for a number of seasons, and has given universal satisfaction to every one who has tried it, maturing well in our climate and produces large and compact heads. For general crop this variety

*Harnden's Premium Large Late Flat Dutch.*

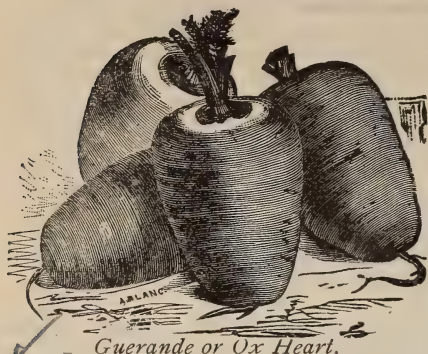
✓ **EXTRA EY. DWARF ERFURT.** A favorite early market variety; very early compact heads; it has very narrow leaves which grow perfectly upright, thus adapting it for close cultivation or forcing. The seed we offer is imported direct and is the highest priced seed obtainable of the best Erfurt strain, and no matter where you send to or under what fancy name you procure your seed, **NONE IS BETTER**, as untiring tests and comparison made by us for the last eight years have proven. Per pkt., 25c; per oz., \$3.00.

✓ **EARLY SNOWBALL.** Esteemed by market gardeners for its earliness and heading qualities, producing large, solid, pure white heads; dwarf in habit and as early as any; one of the best sorts for forcing. Pkt., 20c; oz., \$2.75.

✓ **EXTRA EARLY PARIS.** Heads are of uniform size, solid and blanch easily, but are not so large nor of so fine quality as the Erfurt type. Pkt., 10c; ½ oz., 40c; 1 oz., 75c.

✓ **AUTUMN GIANT.** A large late Cauliflower, producing quite compact white heads. Pkts., 5c; oz., 60c.

CARROTS.



Guerande or Ox Heart.

GUERANDE OR OX-HEART. (Stump rooted.) Comparatively short roots, but often reaching a diameter of several inches. Flesh bright orange, fine grain and sweet. This is a desirable variety for ground that is so hard and stiff that longer growing sorts would not thrive on it. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; postpaid.

EARLY HALF-LONG CARENTAN. (The best bunching carrot.) A new deep scarlet variety, without core. It is excellent for forcing; of fine quality and perfect shape; tops very small, roots cylindrical, with a remarkably small neck. Undoubtedly the finest and sweetest carrot listed. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; postpaid.



Chantenay.

THE CARROT is one of the most wholesome and nutritious of our garden roots, both for culinary and stock feeding purposes. For feeding stock, especially horses and milch cows it cannot be surpassed, and it should be more largely grown by the farmers for this purpose.

CULTURE.—Sow seed thinly in drills of ½ to one inch deep early in the spring, making several sowings to afford a succession. For garden culture, sow in rows of 16 to 18 inches apart, and for field culture 18 to 24 inches. When well started, thin out the early sorts to 8 to 10 to the foot, and late varieties from 4 to 6 inches apart in a row. A sandy loam, made rich by manuring the previous year, is the best soil. Avoid sowing on a newly manured ground which has a tendency to produce forked roots. One ounce of seed to 100 feet of drill; 3 to 4 lbs. to the acre.



Early Half-Long Carentan.

EVENNESS IN TYPE AND FORM ARE MOST DESIRABLE, YET SELDOM ATTAINED IN THE CARROT. OUR SEED IS MOSTLY GROWN FROM FRENCH STOCK WHICH IS THE PUREST WE KNOW OF.

✓ **DANVERS.** Grown largely everywhere on account of its great productiveness and adaptability to all classes of soils; flesh sweet, crisp, tender and of a bright orange color. Valuable both for table use and for stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; postpaid.

✓ **CHANTENAY.** A stump-rooted variety, somewhat resembling the well known Nantes carrot, but having a larger shoulder, and being more productive; flesh deep orange color, solid, tender and of excellent flavor. A variety of which the market gardeners should plant for their main crop; a heavy cropper. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; postpaid.

✓ **EARLY HALF-LONG SCARLET.** Excellent for early market. Of medium size; flesh bright scarlet, brittle, and of fine flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

✓ IMPROVED LONG ORANGE

The most popular of the older sorts for farm use; roots comparatively shorter than the old Long Orange; grown for feeding stock. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

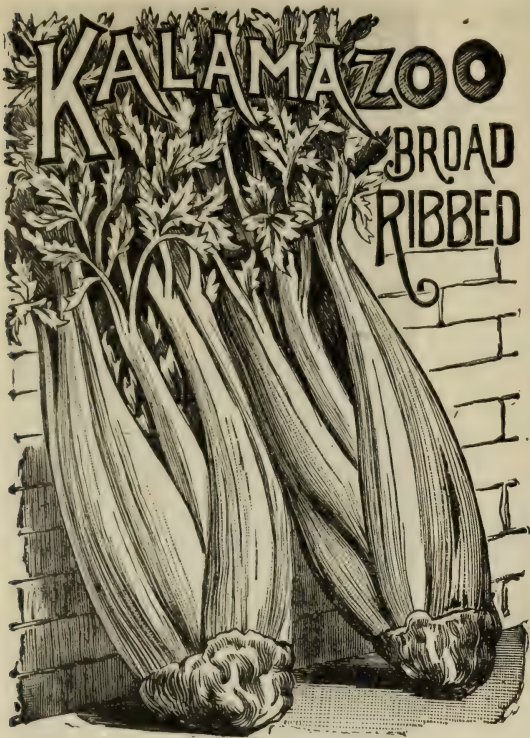
✓ LARGE WHITE BELGIAN.

Grows one-third out of ground; root pure white green above ground with small top. The roots on light rich ground grow to a large size; flesh rather coarse. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c; postpaid.

The last two sorts are largely grown in Europe for feeding stock, especially by horses, by whom they are much relished. They grow about 20 inches long, partly above ground which renders the harvesting very easy.



Early Half-Long Scarlet

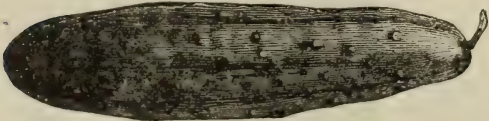


TURNIP-ROOTED CELERY.

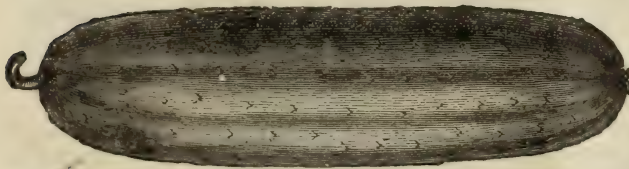
LARGE SMOOTH PRAGUE. Unquestionably the largest and best celeriac in existence. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 60c.

CUCUMBER.

Use Hammond's Slug Shot to kill bugs, 5 lbs. 35c.,
10 lbs. 65c., not prepaid.



Improved Long-Green.



Evergreen White Spine.

IMPROVED LONG GREEN. A standard late sort; fruit dark green, firm and crisp; unequaled by any other variety; good variety for pickling and market purposes. Pkt 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

IMPROVED WHITE SPINE. For both market use and pickling; now more largely grown than any other variety very early; from 6 to 8 inches in length. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

any other variety very early; from 6 to 8 inches in length. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

✓ **EVERGREEN WHITE SPINE.** This sort is fast becoming the favorite with market gardeners both for forcing and outdoor culture. It differs from the ordinary White Spine in the fact of always remaining of a deep green color in all stages of growth. It grows extra long, is of handsome and smooth shape, very early and prolific. Good shipping sort. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

| | Pkt. | oz. | ¼ lb. | lb. | | Pkt. | oz. | ¼ lb. | lb. | |
|-------------------------|------|-----|-------|-----|----------|--------------------|-----|-------|-----|-----|
| Early Cluster | 5c | 10c | 20c | 60c | Postpaid | Green Prolific ... | 5c | 10c | 20c | 65c |
| Ey. Frame or Sh Green | 5c | 10c | 20c | 60c | Postpaid | Gerkin .. | 5c | 10c | 25c | 90c |
| Peerless White Spine .. | 5c | 10c | 20c | 60c | Postpaid | Japanese Climbing | 5c | 15c | 25c | 75c |

CELERY.

CULTURE—Sow in drills and tread the seed firmly in; thin out to an inch apart, and keep the ground well worked and free from weeds; shade the young plants for a week or ten days and do not let the soil dry out. In order to secure stocky plants, cut off the tops once or twice before transplanting, which should be done before July, after the plants have attained a height of four to six inches.

DWARF GOLDEN HEART. One of the best keepers through the winter. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.50; postpaid.

WHITE PLUME. This handsome sort is valued because, naturally, the stalk and portions of the inner leaves and heart are white; the whiteness does not show, however, until the plants are about one-third grown; it is unsurpassed for all use and the earliest celery in the market. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; 1 lb., \$2.90.

✓ **GOLDEN SELF BLANCHING.** Similar to the White Plume in its self-blanching characteristics, but of a deep golden yellow color. Pkt., 10c; oz., 25c; ¼ lb., 85c; 1 lb., \$3.00; postpaid.

KALAMAZOO BROAD RIBBED. Grows about two feet high; the stalks are very broad, thick and crisp, and of a rich nutty flavor. The heart is golden yellow, very full and attractive in appearance. It bleaches very easily and quickly. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 59c; 1 lb., \$1.75; postpaid.



WESTERFIELD'S CHICAGO PICKLE.

This splendid variety was originated and selected by a prominent Chicago pickle grower, and is now preferred for pickling by almost every large pickle factory of that city. The fruit is short, straight and of a fine deep green, and is crisp and tender in quality. Our seed is grown from the originator's stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

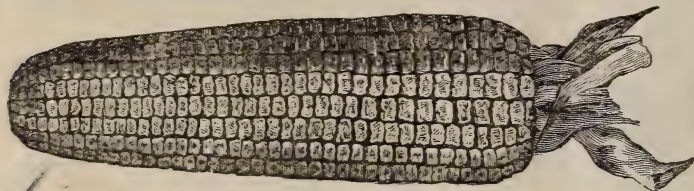
SWEET CORN.

✓ **EXTRA EARLY ADAMS.** This is not a sweet corn, but produces ears well filled with tender white grains. The ear is protected with a heavy husk, making it one of the hardiest varieties. Pkt., 10c; pt., 20c; qt., 30c; pk., 90c; bu., \$3.00.

✓ **EARLY ADAMS.** Same as above but not as early.

✓ **MAMMOTH WHITE COB CORY.** The largest White Cob Cory and best Extra Early Sweet Corn. As early as the earliest and no Ex Ey. sweet corn will compare with it in size. Selected for white cob and white kernels, from the original and earliest Cory and is now a good length ahead of all the crack earlies, no matter what their names are. For a strictly first-class early, for first market and home use, try the Mammoth White Cory, and the gardener who wishes to get the cream of the trade should make his early plantings of this splendid variety. (Crop very short.) Pkt., 10c; pt., 20c; qt., 30c; postpaid. Pk., \$1.25; bu., \$3.50.

✓ **EARLY MINNESOTA.** An old and popular market sort. Stalks short, bearing one or two long eight-rowed ears; coming into bearing a little earlier than the Early Adams. Pkt., 10c; pt., 20c; qt., 30c; postpaid. By express: Pk., \$1.00; bu., \$3.25.



Mammoth White Cob Cory

✓ **SHAKER'S EARLY.** Matures about the same time as the Minnesota; kernels are large and pearly white. The quality is faultless; pure white kernels, with medium sized white cob, very sweet, tender and full of milk, yielding 2 to 3 ears to the stalk; excellent for canning factory. (Crop very short.) Pkt., 10c; pt., 20c; qt., 30c; pk., \$1.00; bu., \$3.50.

✓ **EARLY BONANZA.** As early as Minnesota, while the ears are much larger. It is exceedingly productive, bearing two or three good sized ears to a stalk. Pkt., 10c; pt., 20c; qt., 30c; postpaid. By express: Pk., \$1.00; bu., \$3.50.

✓ **EARLY CHAMPION** The Earliest Large Sweet Corn Grown. This new variety is without question the earliest large sweet corn yet introduced, being only a few days later than the first early small sorts. Ears very large, in fact, many of the ears grow fully as large as Evergreen. It is 10 and 12 rowed and pure white in color, very sweet, tender and full of milk, yielding two and three ears to the stalk. Pkt., 10c; pt., 20c; qt., 30c; pk., \$1; bu., \$3.50.

✓ **COUNTRY GENTLEMAN SWEET CORN.** In this we offer our customers a medium late variety of Sweet Corn, which we consider not only one of the very best for private use, but the sweetest and most tender of all Sweet Corn. The ears are from 5 to 7 inches in length; the kernels are very deep, placed irregularly but compactly on the cob, the cob itself being very small. Per Pkt., 10c; pt., 20c; qt., 30c; postpaid. Per pk., \$1; bu., \$3.50. not prepaid.

✓ **OLD COLONY.** (Also Called Landreth's Sugar.) A variety of the evergreen type, which it resembles very closely, but about ten days earlier; it is thought by many to be the finest late sort for all purposes, and remains in marketable condition much longer than the average corn. We can recommend this variety to every gardener. Pkt. 10c; pt., 20c; qt. 30c; postpaid. By express: Pk. \$1; bu. \$3.25.

✓ **STOWELL'S EVERGREEN.** The best late sweet corn in every way, being large eared, hardy and productive, sweet and tender, and remaining a long time in condition suitable for cooking; there is no other late sweet corn which can compare with it. Our seed being most carefully selected for depth, size of ears and freedom from flint and glaze, we know that it will give entire satisfaction. Pkt., 10c; pt., 20c; qt., 30c; postpaid. By express: Pk., \$1.00; bu., \$3.25.

✓ **MAMMOTH LATE.** Produces the largest ears of any sweet corn, frequently fourteen inches or more in length, following the Stowell's in maturity. Pkt., 10c; pt., 20c; qt., 30c; postpaid. By express: \$1.00; bu., \$3.25.

✓ **EGYPTIAN or WASHINGTON MARKET.** A large-eared, very late variety, ready for use about ten days later than Stowell's Evergreen. Pkt., 10c; pt., 20c; qt., 30c; postpaid. By express: Pk., \$1.00; bu., \$3.25.



Country Gentleman.

CRESS.*True Water.*

CURLED OR PEPPER GRASS. This small salad is much used with lettuce, to the flavor of which its warm, pungent taste makes a most agreeable addition. Sow thickly in drills sixteen inches apart. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c; postpaid.

TRUE WATER. This is quite a distinct variety of cress, and only thrives when its roots and stems are submerged in water. The seed should be sown and lightly covered in gravelly, mucky lands, along the borders of small streams. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

CHICORY.Chicori, Ger.
Chicoree, Fr.

CULTURE—Sow in drills half an inch deep, in rich, mellow soil; the after culture being the same as recommended for carrots.

LARGE ROOTED. Roots of fine form, the chicory of commerce, used to adulterate coffee. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

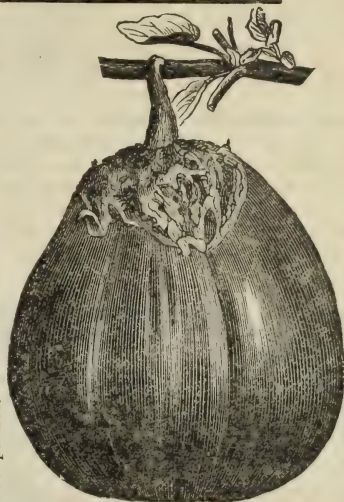
*Endive—Green Curled.***ENDIVE.**

CULTURE—For early use sow in April. For the main crop sow in June and July, and when up an inch or two, transplant to one foot apart each way.

GREEN CURLED. Vary hardy, with dark green curled leaves; tender and crisp. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

MOSS CURLED. Handsomely curled; fine quality; a desirable sort. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

BROAD LEAVED BATAVIAN. Large heads of broad thick leaves; if bleached the inner leaves make a fine salad. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

EGG PLANT.*New York Improved.*

CULTURE—Sow in March or April in a hot bed; transplant when two inches high into a second hot bed. Let them remain and thin out to four inches apart. Uniform heat is essential to this plant, and it rarely covers from the least chill in its early growth. When the weather becomes settled, transplant into the open ground, two and a half feet apart, each way. One ounce to 1500 plants.

NEW YORK IMPROVED. The best in cultivation; large round, dark purple, and very productive. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

KALE OR BORECOLE.

CULTURE—Cultivate the same as cabbage. For summer and fall use, sow in April and transplant in June; for early spring greens, sow in September; 2 lbs. per acre in drills; 3 lbs. broadcast.

DWARF GREEN CURLED SCOTCH. Leaves of a bright green, very tender and closely curled, rarely exceeding eighteen inches in height, but spreading out, under good cultivation to 3 feet in diameter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

DWARF GREEN CURLED GERMAN. (Siberian Kale.) Very hardy; the main sort planted by gardeners. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

TALL GREEN SCOTCH. Finely curled, even more tender after being touched by frost. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

KOHL-RABI.

CULTURE—For an early crop, start in hot bed and treat the same as early cabbage; for late crop, sow in drills 16 inches apart and thin to 6 inches apart in the row.

EARLY WHITE VIENNA. Best early variety for table, bulbs white. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

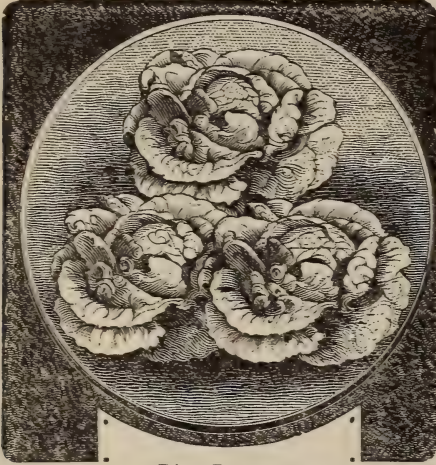
EARLY PURPLE. Similar to the last except in color. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

*Kale—Dwarf Green Curled.*

LETTUCE.

CULTURE—For general crop, sow out-doors as early in the spring as the ground can be worked, in drills 18 inches apart, and thin the young plants to 4 inches apart in the row. As the plants begin to crowd, thin them out and use as required. Keep the soil constantly loose by frequently hoeing. $\frac{1}{4}$ oz to 100 ft. of drill; 3 lbs. per acre.

✓ **BLACK SEEDED SIMPSON.** A standard variety for forcing, and early out-door culture. It forms large, loose clusters of leaves of light yellowish green color; the leaves are large, thin, very tender, slightly ruffled and blistered, the inner ones nicely blanched and even the large outside leaves are tender and of good quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 35c, lb. \$1.25.



Big Boston.

✓ **BIG BOSTON.** A very popular variety with those gardeners who want a large heading forcing sort, and also for out-door winter culture. In the south the plants are large, very hardy and vigorous with broad comparatively smooth, thin and very hard leaves, which are bright light green in color, and when well grown are quite tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 35c, 1-lb. \$1.25.



Denver Market

✓ **DENVER MARKET.** An early variety of head lettuce, either for forcing or open ground, forms large heads of a desirable light color. The leaves are beautifully marked and blistered like Savoy Cabbage and are very crisp and tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 35c, 1-lb. \$1.25.

✓ **PRIZE HEAD.** This old standard variety is still the best of the large, thin-leaved, clustering sorts for the home garden, but it is not a good kind to ship long distances as the leaves are so tender

that they are easily spoiled in handling. The leaves are very large, crimped, bright green tinged with brownish-red, and are exceedingly tender, crisp and sweet, forming a large, loose head. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 30c, 1-lb. \$1.00, postpaid.



Grand Rapids Forcing.

GRAND RAPIDS FORCING. A forcing variety which has been developed in the vicinity of Grand Rapids, Mich. Especially adapted for green house culture in the winter, for which it has no peer.

A strong grower, very tender, and will keep from wilting longer while exposed for sale than any other sort. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 35c, 1-lb. \$1.25.



Large Hanson.

✓ **LARGE HANSON.** Forming a large, flat head; outer leaves bright green with prominent light colored veins; inner leaves white and usually curved and twisted at the base. Refreshingly crisp and tender. Pkt. 5c, oz. 19c, $\frac{1}{4}$ -lb. 35c, 1-lb. \$1.25, postpaid.

| | Pkt. | oz. | $\frac{1}{4}$ -lb. | 1-lb. |
|---------------------------------|------|-----|--------------------|--------|
| ✓ Early Curled Simpson..... | 5c | 10c | 30c | \$1.00 |
| ✓ Early Curled Silesia..... | 5c | 10c | 30c | 1.00 |
| ✓ Boston Market or White Tennis | | | | |
| Ball. | 5c | 10c | 30c | 1.00 |
| ✓ White Cabbage. | 5c | 10c | 30c | 1.00 |
| ✓ Large Drumhead. | 5c | 10c | 30c | 1.00 |
| ✓ Black Seed Tennis Ball..... | 5c | 10c | 30c | 1.00 |
| ✓ White Cabbage. | 5c | 10c | 30c | 1.00 |

We Pay the Postage

LEEK.

Lauch, Ger.
Poireau, Fr.

CULTURE—Sow early in the spring in drills 1 inch deep and one foot apart; when six or eight inches high transplant in rows ten inches apart each way.

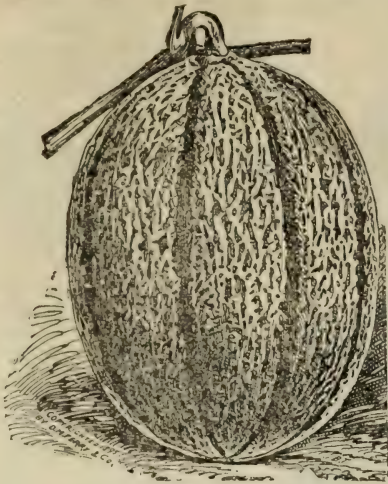
✓ **AMERICAN BROAD LEAF.** This variety is more largely used in this country than any other, plant strong, with broad leaves. Pkt. 5c, oz. 15c, $\frac{1}{4}$ -lb. 40c, 1-lb. \$1.25.

✓ **GIANT CARENTAN.** Grows to immense size; broad leaves, one of the best; hardy. Pkt. 5c, oz. 15c, $\frac{1}{4}$ -lb. 40c, 1-lb. \$1.50.

MUSK MELONS.

ROCKY FORD.

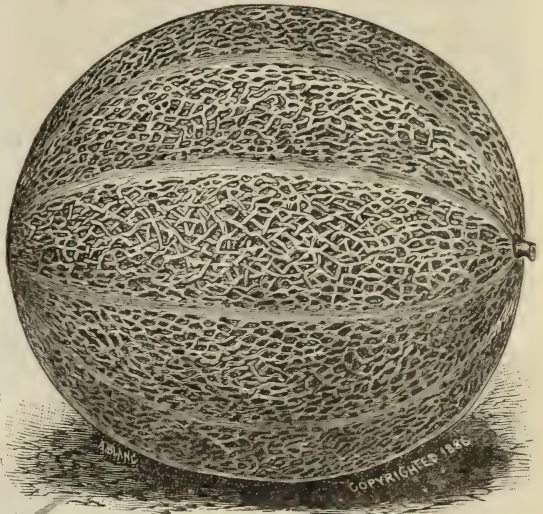
The melons are oblong, somewhat similar to the Netted Gem. They grow very uniform in shape and size, weighing from 1½ to 2 lbs.; skin green and thickly netted. Flesh of a light green color and very sweet. In quality and flavor, the melons have never been equaled. A good keeper, hardy and the best shipping variety ever introduced. We have the pure stock and for a number of years a large percentage of Colorado melon growers have secured their supply of seed from us, and nowhere have we heard the slightest complaint; in fact one of the largest growers, Mr. Fred Mohl, has told us repeatedly that our seed has given the best of satisfaction. It will pay every gardener to give this variety a trial. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c. postpaid.



Rocky Ford Musk Melon.

Rocky Ford
The
✓ Leading
Musk Melon

CULTURE—Melons thrive best in light, dry, sandy soil, plant in hill, six feet apart each way, ten seeds in each hill; remove two to three inches of soil where the hill is desired, and fill in with well rotted manure, then replace the soil 4 inches high, raking the hill rather flat. When the plants have made the second pair of leaves, thin out to four in a hill. If the plants grow very rank, pinch off the ends of the shoots when about three feet long. One to two ounces to 100 hills; 1 to 1½ lbs. per acre.



Champion Market.

CHAMPION MARKET. The melons are almost a perfect globe in shape, and densely netted, weighing from four to five pounds each; the flesh is light green in color, of a rich sweet flavor; an excellent shipper. Pkt., 5c; oz., 10c; ¼ lb. 20c; lb., 60c; postpaid.

| | Pkt. | oz. | ¼-lb. | 1-lb. |
|----------------------------|------|-----|-------|-------|
| ✓ Jenny Lind | 5c | 10c | 20c | 60c |
| ✓ Early Green Nutmeg | 5c | 10c | 20c | 60c |
| ✓ Netted Gem | 5c | 10c | 20c | 60c |
| ✓ Early Hackensack | 5c | 10c | 20c | 60c |
| ✓ Emerald Gem | 5c | 10c | 20c | 60c |
| ✓ Jersey Belle | 5c | 10c | 20c | 60c |
| ✓ Montreal Market | 5c | 10c | 20c | 60c |
| ✓ Baltimore or Acme | 5c | 10c | 20c | 60c |



Early Green Nutmeg.

MILLER'S CREAM, OR OSAGE. Flesh of a rich salmon color, sweet and melting; one of the best flavored melons that has ever been introduced. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60; postpaid.

EXTRA EARLY HACKENSACK. A variety possessing all the good qualities of the well known Hackensack, but at least ten days or two weeks earlier. The melons weigh from four to 10 pounds each, are of nutmeg shape, heavily netted and have a light green flesh of delicious flavor. Pkt. 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.



Extra Early Hackensack.



Paul Rose. The most delicious melon ever grown.

PAUL ROSE.

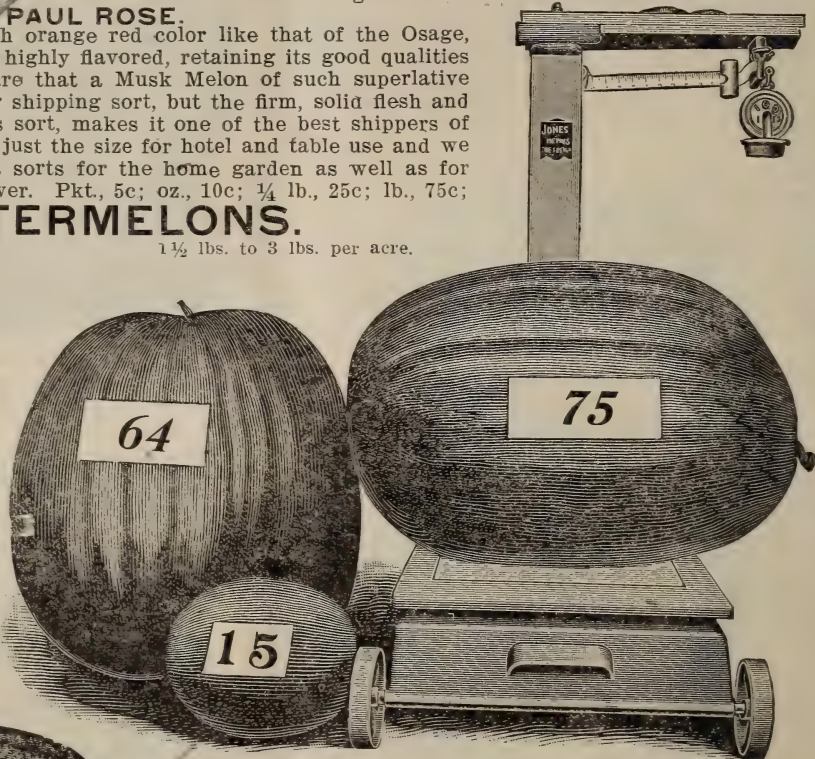
The firm flesh is a rich orange red color like that of the Osage, but even sweeter and more highly flavored, retaining its good qualities put to the rind. It is rare that a Musk Melon of such superlative quality is a good market or shipping sort, but the firm, solid flesh and thin but strong rind of this sort, makes it one of the best shippers of which we know, while it is just the size for hotel and table use and we consider it one of the best sorts for the home garden as well as for the professional melon grower. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c; postpaid.

WATERMELONS.

$1\frac{1}{2}$ lbs. to 3 lbs. per acre.

GEORGIA QUEEN.

This new melon as a market sort and for shipment, is probably the best ever introduced. It is a cross between the Duke Jones and Kolb's Gem; has the firm handsome appearance of the former and the firm shipping qualities of the latter. The rind is of dark green color with indistinct stripes of a little light color. In flavor it is much better than the Kolb's Gem. The average size of the melon is very large, being over 40 lbs. each; give it a trial. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c; postpaid.

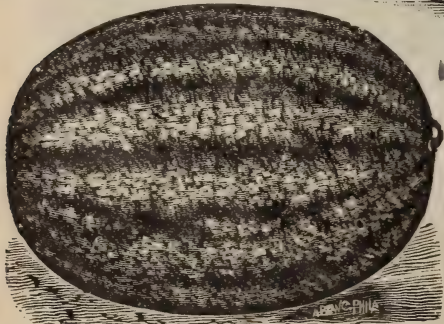


Georgia Queen.—Best shipping Melon.

KOLB'S GEM. Attains a weight of from 25 to 50 lbs; flesh bright red solid, sweet and luscious, fruit round or slightly oval, marked with irregular mottled stripes of dark and very light green. As a shipping melon it has hardly an equal. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c; postpaid.

GEORGIA RATTLESNAKE OR GYPSY. Standard Southern variety of large size, possessing very remarkable shipping qualities; oblong, square at the ends; scarlet flesh, crisp and juicy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 50c.

CUBAN QUEEN. Beautifully marked with regular stripes of light and dark green. Fruit medium sized to large, globular, or oval, rind medium thick; flesh bright red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c; postpaid.



Kolb's Gem Watermelon.

WATERMELONS. = Con.*Mountain Sweet.***PRIDE OF GEORGIA.**

Dark green in color, oval in shape, and ridged like an orange. One of the fine melons originated in the great melon-growing district of Georgia. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

BLACK SPANISH. Medium size, round, black seeded; red flesh, thin rind, vines small; very sweet and of fine flavor. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

SWEET HEART. Fruit large, oval, uniformly mottled, light and dark green, rind thin but firm; flesh red, solid, melting and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

McIVER'S WONDERFUL SUGAR MELON. The sweetest melon grown. Without a single exception this is the sweetest water melon of all. The melons attain a great weight, are of a very handsome appearance, never crack or lose their fine flavor in the wettest season. It is a very productive and hardy variety and one that will take the lead wherever known. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

ICE CREAM OR PEERLESS. Nearly round, pale green, thin rind, scarlet flesh, delicious in flavor, old standard variety and cannot be too highly recommended. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

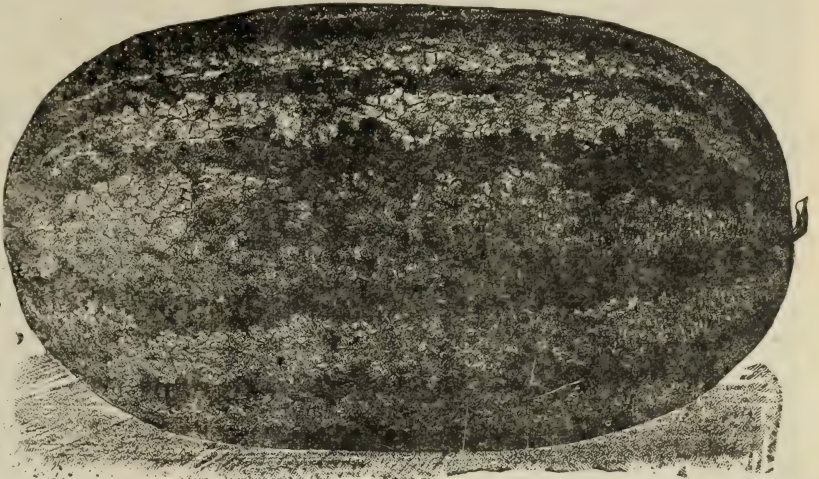
SEMINOLE. Extra early, enormously productive, and of splendid flavor. Often producing gray and green melons on one vine. A favorite with restaurants. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

COLE'S EARLY. This is an extra early melon of oval form, small in size, handsomely striped with light and dark green, and of good quality. Very desirable for raising for home use, especially where the season is short. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; postpaid.

FLORIDA FAVORITE. Ranks among the foremost as a table variety; oblong in shape with alternating stripes of light and dark green, large size, flesh light crimson. Pkt 5c; oz 10c; ¼ lb, 20c; lb, 50c

MOUNTAIN SWEET. A large oval variety, rind green, flesh scarlet and quite solid to the center, very sweet and delicious. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; postpaid.

MAMMOTH IRONCLAD. Grows to a mammoth size; rind thin, remarkably hard, flesh bright red, very solid; melons often attain a weight of 60 pounds and upwards. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

*Mammoth Ironclad*

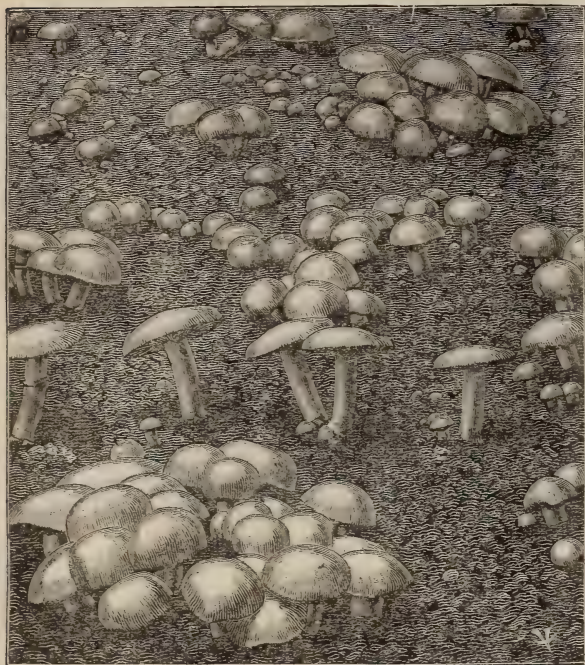
THE DIXIE. A cross between the Kolb's Gem and the Mountain Sweet; but far superior to the former, being larger, earlier, and much more productive. In comparison with Kolb's Gem it is larger, of a darker green and more beautifully striped. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1-lb. 50c, postpaid.

DUKE JONES. One of the largest and most productive melons. Solid, dark green skin, of firm appearance; solid red meat. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; postpaid.

MUSHROOM SPAWN.

CULTURE—Any dark room or pit where the temperature can be kept from 50 to 60 degrees will do for the culture of mushrooms. In preparation for a mushroom bed, procure soil from an old pasture, and tree horse manure, free from straw or litter, and mix thoroughly in proportion of three parts of horse manure to one of loam; previous to mixing, the manure should be turned a number of times to get rid of the heat, make out of this compost a bed eight to ten inches deep, pressed solidly; let the temperature recede until it reaches about 90 degrees, then plant pieces of spawn the size of a walnut in holes two or three inches deep and six inches apart each way, cover the holes, pressing the dirt solid. At the expiration of ten days, cover the whole with two inches of fresh loam and over this spread three or four inches of straw, hay or litter; in about eight weeks the mushrooms make their appearance. If the surface becomes dry, wet with warm water. One brick of spawn will plant eight or nine square feet.

ENGLISH SPAWN. 1-lb. brick 25c, postpaid, 10 lbs. \$1.25, not prepaid.



A Bed of Mushrooms.

MUSTARD.

CULTURE—Sow thickly in March or April in rows, and cut when two or three inches high; the green leaves are used as a salad or boiled like spinach. One ounce will sow 80 ft. of drill.

WHITE. Best for culinary purposes and for salads. Per pkt. 5c, oz. 10c, ¼-lb. 15c, 1-lb. 35c, postpaid.



OKRA OR GUMBO.

CULTURE—This vegetable is extensively grown in the Southern states, where its long pods, when young, are used in soups or stews, and are served like asparagus. In hills or drills three feet apart and thin out to three plants in a hill.



Okra: White Velvet.

WHITE VELVET. The pods of this variety are not ridged or square edged, but are round and smooth, and much larger than the other sort. Per pkt. 5c, oz. 10c, ¼ lb., 20c, lb., 60c, postpaid.

DWARF GREEN. Plants of dwarf stocky growth, wonderfully prolific, and mature pods ready for use ten days to two weeks earlier than the tall varieties, pods three to four inches in length, and heavily ridged. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 60c, postpaid.

NEW CHINESE. This variety has leaves of very large size, plants growing almost as large as cabbages, and standing long before running to seed. During cool fall weather the leaves are very long, proportionally broad and more or less crimped. Pkt. 5c, oz. 10c, ¼-lb. 30c, 1-lb. 85c, postpaid.

SOUTHERN GIANT CURLED. Highly esteemed in the South, where the seed is sown in the fall and used in the spring as salad. Our stock is the true curled leaf, with dark-green leaves, edges of which are finely curled, adding to its attractiveness when served as a salad. Pkt. 5c, oz. 10c, ¼-lb. 25c, 1-lb. 85c, postpaid.

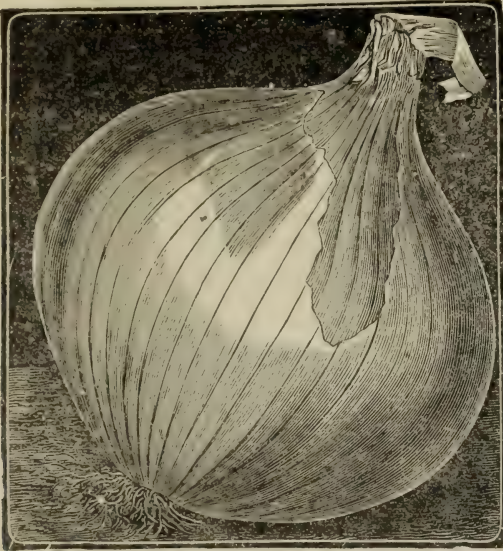
Robinson's Mushroom Culture.
A book bound in cloth, giving directions how to prepare mushroom beds and raise mushrooms. Postpaid, 50c.

ONIONS.

A Strictly High-Grade Strain of Seed.

Beware of Doubtful Imported Onion Seed.

CULTURE—Full sized onions may be grown from the seed fully as well, much more cheaply, and only little later than from sets. For this purpose from 4 to 5 lbs. of seed per acre are required. Sow the seed thinly one-half inch deep in drills, one foot apart, and thin out later leaving about 8 plants to the foot. The first hoeing should be given, just skimming the ground between the rows, as soon as they can be seen the length of the row, but do not ridge up to the growing bulbs. For sets, sow 60 lbs. to the acre.



Yellow Globe Danvers.

✓ **YELLOW STRASBURG.** (Yellow Dutch.)
kind for sets Per pkt., 5c; oz., 15c; ¼ lb., 35c;

✓ **EXTRA EARLY WHITE PEARL.** Pearly w
all the white varieties, the bulbs are medium
pleasant. Per pkt., 5c; oz., 20c; ¼ lb., 60c; lb.,

✓ **EXTRA EARLY RED.** The earliest of all red onions; flat in shape. Per pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25; postpaid. By express, 5 lbs., \$1.15 per lb., 10 lbs., \$1.00 per lb.

✓ **LARGE RED WETHERSFIELD.** The standard variety so largely used for commercial purposes, good size, an immense yielder, deep red color, fine keeper. Per pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; postpaid. By express, 5 lbs., 90c per lb.; 10 lbs., 85c per lb.

✓ **YELLOW GLOBE DANVERS.** A favorite variety in the East, where it is grown almost to the exclusion of all other sorts; bright yellow in color, a perfect keeper and heavy yielder. Per pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25; postpaid. By express, 5 lbs., \$1.15 per lb., 10 lbs., \$1.00 per lb.

✓ **FLAT YELLOW DANVERS.** Like the Globe Yellow Danvers, but rather more flattened. One of the best keeping onions grown, flesh white, fine grained, firm and mild; perfect in shape, and a large cropper. Per pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; postpaid. By express, 5 lbs., 90c per lb., 10 lbs., 85c per lb. Later, flatter, larger than Yellow Danvers. The best 1 lb., \$1.25; postpaid. By express, 5 lbs., \$1.15 per lb. hite and of very rapid growth, it is the earliest of size, with delicate pure white skin; flesh mild and \$2.25; postpaid. By express, \$2.10 per lb.

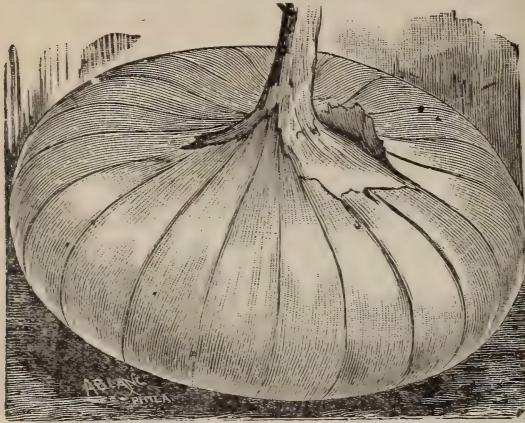
PRIZE TAKER ONION

The Handsomest,
Largest, Yellow
Globe Onion.

This is the large, handsome onion that is sold by confectioners or fruiterers in the large cities. They are of a rich straw color and of enormous size, weighing, in many cases, three to three and a half pounds; although of such great size, it is very hardy and a good keeper; the flesh is white, very thick, and so mild in flavor that it can be eaten raw like an apple. For large onions, we can offer no better variety than this. Per pkt 5c; oz. 15c; ¼ lb., 40c; lb., \$1.50, postpaid.

ONIONS Continued

Don't forget you can select 25 cents worth of seeds extra for each dollar sent us for seed in pkts. and ounces.

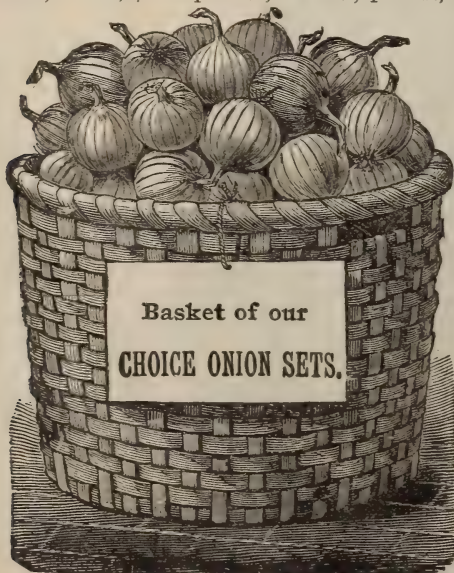


Mammoth Silver King or New White Garganus.

SOUTHPORT WHITE GLOBE. One of the handsomest onions grown and rapidly taking the lead in our market; a large yielder, mild in flavor, clear white skin and in every way to be recommended, one of the best varieties to sow for early bunching. Per pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25; postpaid. By express, 5 lbs., \$2.10 per lb.; 10 lbs., \$2.00 per lb.

SOUTHPORT RED GLOBE. Similar to the White Globe except in color; they are perfectly globe-shaped, more so than the Globe Danvers, of handsome appearance and heavy croppers; excellent keepers; a very desirable sort. Per pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.20; postpaid. By express, 5 lbs., \$1.10 per lb.; 10 lbs., per lb., \$1.05.

WHITE PORTUGAL OR SILVERSKIN. An early flat white variety, mild flavor, excellent for growing sets, one of the best for pickling. Per pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$2.25; postpaid. By express, 5 lbs., \$2.10 per lb.; 10 lbs., per lb., \$2.00



MAMMOTH SILVER KING OR NEW WHITE GARGANUS. An Italian variety of special merit; it is remarkably early, of large size and fine quality. A popular variety in the South, where it grows to an enormous size, a single onion, grown from seed the first season weighing from two to three pounds; white flesh variety, in shape, flat, and of an exceedingly mild and delicate flavor. Per pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

NEW WHITE BARLETTA. The earliest variety of the small white onion, being from two to three weeks earlier than the White Queen; it is of a beautiful silvery white color, flesh firm and very mild. Per pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 75c; lb., \$2.25, postpaid.

RED BERMUDA. A large variety growing from 5 to 6 inches in diameter, the skin is a rich blood red color; flesh white, medium early. Per pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 60c; lb., postpaid, \$2.00.

NEW GIANT WHITE VICTORIA. Of oval shape. The skin is silver white, with sometimes the shading of a delicate light rose color; flesh juicy, sweet and milky white. Under ordinary cultivation this onion will grow to weigh from 2 to 3 pounds each. Per pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25, postpaid.

ONION SETS.

WHITE MULTIPLIER. An onion of pure silvery white color; very hardy and enormously productive. The largest of the sets, if allowed to grow through the summer, make an onion of fair size, which divides when ripening in the fall, multiplying liberally for another year. Per qt. 30c, postpaid; bu. \$4.50.

Write for special prices on large lots. Prices variable.

| | | |
|----------------------------------|------------------|--------|
| Top or Button sets | Postpaid per qt. | \$0.30 |
| Bottom Onion Sets, red or yellow | Postpaid per qt. | .25 |
| Bottom Onion Sets, white | Postpaid per qt. | .35 |
| Garlic Sets | Postpaid per lb. | .25 |



Champion Moss Curled Parsley.

PARSLEY.

CULTURE. The seed is very slow to germinate and should be sown early in the spring, previously soaking the seed for a few hours in warm water.

Sow in drills one foot apart and when the plants are well up, thin to one foot in the row. When the plants are about three inches high cut off all the leaves; the plant will start a new growth of leaves which will be brighter and better curled; every cutting will result in improvement. 1 oz. to 150 feet of drill.

CHAMPION MOSS CURLED. Leaves beautifully curled and mossy. Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

DOUBLE CURLED. A fine variety; excellent for garnishing. Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

HAMBURG OR TURNIP ROOTED. Sometimes called German Parsley; a fleshy rooted variety. Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.

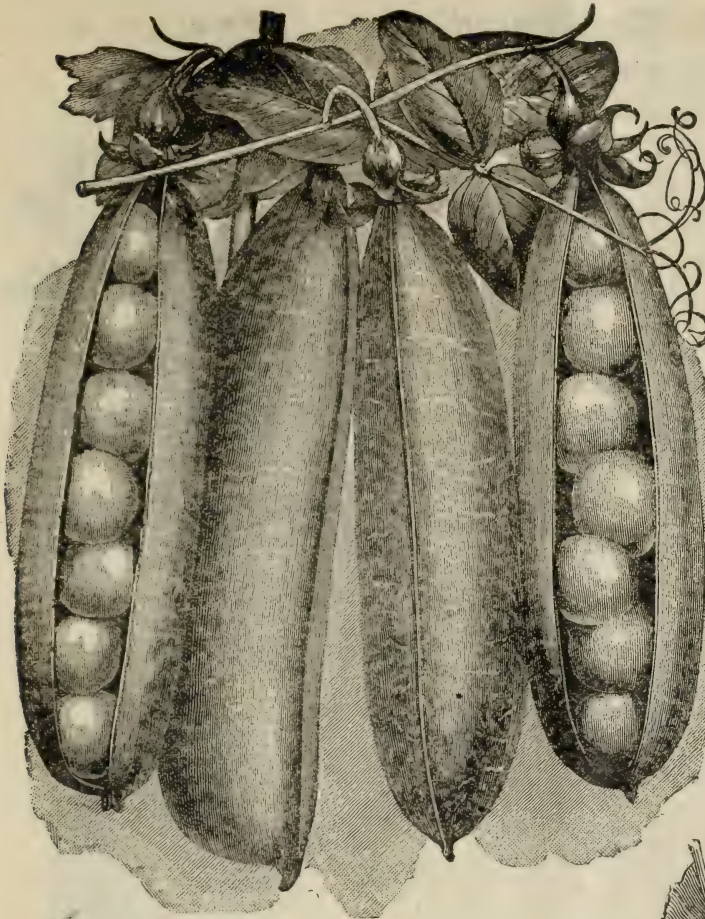
♦ ♦ PEAS. ♦ ♦

Owing to the exceedingly short crop of Peas, Corn, Radishes, and some varieties of Squash and Pumpkin, we would advise our customers to order early in order to be sure of a full delivery.

HARDEN'S EXTRA EARLY.

For years we have been making a selection of extra early peas, and have succeeded in placing before our customers this year an extra fine strain. This pea has been grown in and around Kansas City by the market gardeners, with the best of success, and we consider it the earliest and most productive pea grown today. Seeds round; pods well filled, and ripen uniformly; height 2½ feet. Seeds white and slightly dented. Ninety per cent of these pods can be taken at the first picking, which makes it very desirable for an early sort. Per pkt., 10c; per pt., 30c; per qt., 45c; postpaid. Per pk., \$1.50, not prepaid.

AMERICAN WONDER. The earliest of the wrinkled sorts; grows about nine inches high, and is covered with well filled pods, often containing seven or eight tender and sweet peas. We offer none but the true stock. Per pkt., 10c; per pt., 30c; per qt., 45c; postpaid; per pk., \$2.00; not prepaid.

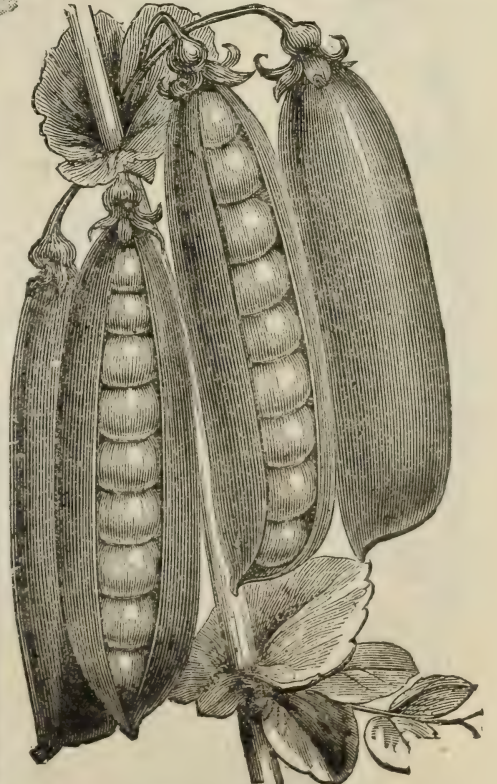


Nott's Excelsior.

NOTT'S EXCELSIOR. The best Early Dwarf Pea. As hardy as the earliest market sorts, but in quality far superior. It resembles the American Wonder, but the vines are larger and more vigorous, and it outyields that variety from 20 to 30 per cent. The pods are one-third larger, and each pod contains from six to eight large peas which are tender, and of unusually sweet flavor, and so closely are the peas packed, that they are flattened against each other. A most desirable sort for the market and home garden. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., \$2.00, not prepaid.

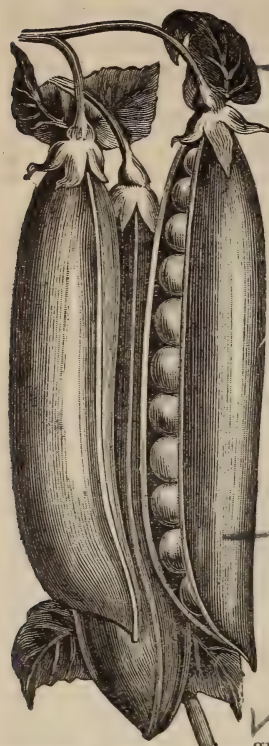
GRADUS OR PROSPERITY. The Earliest Large Podded Pea in Cultivation. While the peas are of the most superior quality, both in size and delicious flavor, and will be ready for use only a few days later than the first earliest. The immense pods are as large as those of the Telephone, uniformly well shaped, nearly round and well filled with large handsome peas.

They ripen slowly and continue for use much longer than most varieties; the vine has heavy stems, with large dark-green leaves, and grows three feet in height. Every gardener should try it. (Owing to an extremely short crop we are only able to offer this variety in small quantities.) Pkt., 10c; pt., 30c; qt., 50c, postpaid.

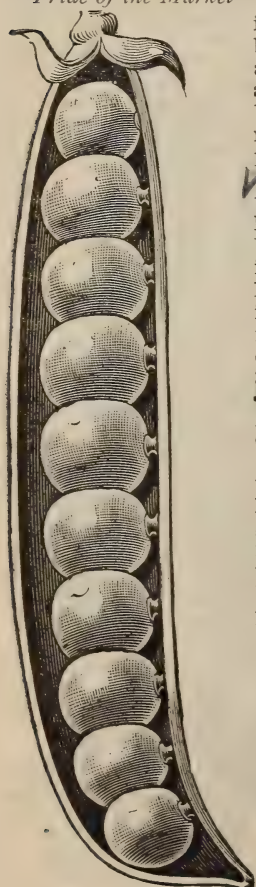


Harnden's Extra Early.

PEAS—Continued.



Pride of the Market



Improved Stratagem.

IMPROVED PRIDE OF THE MARKET. A week earlier than the Stratagem, but resembling it in habit of growth; the foliage and pods are, however, of a deeper green; pods well filled with very large and finely flavored peas; height 2 feet. Per pkt., 10c; pt., 30c; qt., 45c; postpaid; per pk., \$1.75, not prepaid.

✓ TELEPHONE. Seed green wrinkled; height about 4 feet, foliage luxuriant, peculiar light shade of green; fairly productive; pods usually large size, elegant shape, slightly curved, well filled with peas of large size, good quality, earlier than the Champion of England. A most desirable variety for those who wish a large showy pea. Per pkt., 10c; pt., 30c; qt., 45c; postpaid. Per pk., \$1.75, not prepaid.



Horseford's Market Garden.

HORSEFORD'S MARKET GARDEN. A fine wrinkled variety; the best second Early Pea ever introduced; the vines are uniform in height, even and regular in growth; it is extremely prolific and bears its pods always in pairs, and has yielded at the rate of over 50 bushels per acre; the pods, although of medium size are numerous and literally packed with peas of delicious flavor. We recommend it highly to every gardener. Height 2 feet. Per pkt., 10c; pt., 25c; qt., 40c; postpaid. Per pk., \$1.50, not prepaid.

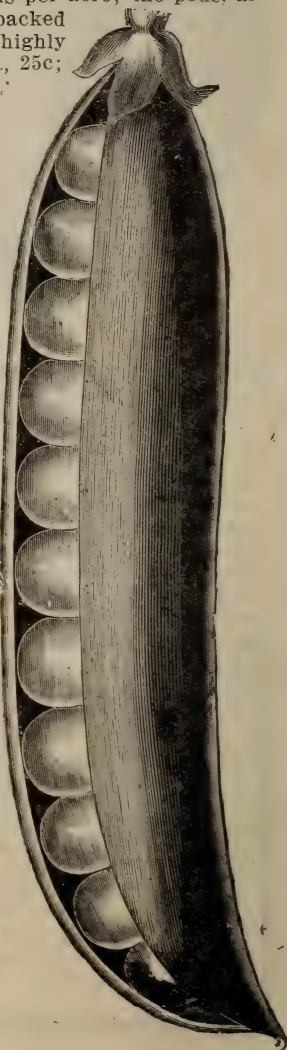
DAISY OR DWARF TELEPHONE. A dwarf growing, very large-podded main or late crop variety. Vines strong and vigorous, with heavy foliage, growing only eighteen inches in height and do not need brush; enormously productive; pods are very large and nearly straight, and are well filled with large and tender peas, having to an unusual degree the rich buttery marrow-like flavor, so prized by the connoisseur. Pkt., 10c; pt., 35c; qt., 50c; postpaid. Per pk., \$2.00.

IMPROVED STRATAGEM. "One of the Best of the Large Podded Sorts." The old Stratagem Pea has always been one of the best late sorts for quality, but it was a shy yielder, and so wanting in uniformity and evenness of type. The Improved Stratagem has all the sterling qualities of the original type, and is one of the heaviest yielders; the pods are of immense size, and uniformly filled with very large, dark-green peas of the finest quality. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., \$1.75, not prepaid.

ALASKA. One of the earliest, which, in evenness of growth of vine and early maturity of pods, is unequalled by any other extra early pea. Vines two to two and one-half feet high, bearing four to seven long pods which are filled with medium sized, bright green peas of excellent flavor. Ripe peas, small, bluish-green. Matures all the crop at once, and is an invaluable variety for market gardeners and canners. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., \$1.75, not prepaid.

STANDARD VARIETIES: Postpaid. Not Postpaid

| | Pkt. | pt. | qt. | pk. |
|----------------------------------|--------------|-----|-----|--------|
| 30 in. Philadelphia Ex. Ey | 10 | 25 | 40 | \$1.50 |
| 14 in. Premium Gem | 10 | 30 | 45 | 1.75 |
| 10 in. Tom Thumb | 10 | 25 | 40 | 1.50 |
| 24 in. Advancer | 10 | 25 | 40 | 1.25 |
| 20 in. Abundance | 10 | 25 | 40 | 1.25 |
| 24 in. Everbearing | 10 | 25 | 40 | 1.35 |
| 50 in. Champion of England..... | 10 | 25 | 40 | 1.35 |
| 36 in. Black-Eyed Marrowfat | 10 | 20 | 35 | 1.00 |
| 36 in. White Marrowfat | 10 | 20 | 35 | 1.25 |
| 30 in. Dwarf Gray Sugar..... | 10 | 25 | 40 | ... |
| Canada Field | Market Price | | | |



Telephone.

PARSNIP.

CULTURE. The parsnip thrives best in a deep, mellow soil. Sow the seed early in the Spring in rows fifteen inches apart, covering the seed half an inch deep; thin out the plants, when well up, to five inches apart in the rows.

HOLLOW CROWN. Smooth, large roots, sweet and of most excellent flavor. Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c; postpaid.

IMPROVED GUERNSEY Not so long as the Hollow Crown, but of greater diameter; roots do not run so deep in the ground. Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c, postpaid.

PEPPER.

CULTURE—Seed should be started in a warm hot bed or a shallow box in the house early in March. When they have three or four leaves, they should be transplanted to fresh beds or small flower pots and kept growing as rapidly as possible until the weather is warm enough to plant them outdoors; set plants $2\frac{1}{2}$ feet apart each way. One ounce to 1,500 plants.

LONG RED CAYENNE. Pods small, cone-shaped, scarlet red, and when ripe used for pickles and pepper sauce. Per pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25.

RUBY KING. The peppers are of a bright ruby red color, from $4\frac{1}{2}$ to 6 inches long, by $3\frac{1}{2}$ to 4 inches in diameter. Flavor remarkably mild, and can be sliced and eaten with pepper and vinegar like tomatoes or cucumbers. Per pkt., 5c; oz., 25c, $\frac{1}{4}$ lb. 75c; lb., \$2.50, postpaid.



Ruby King.

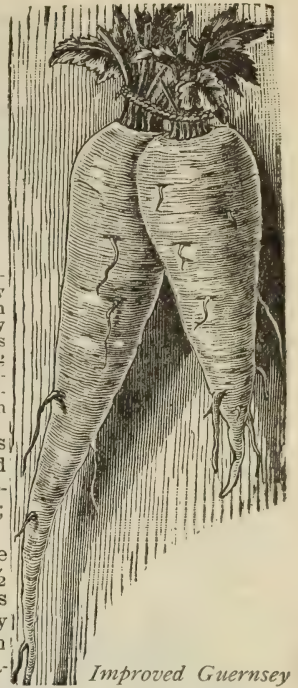
CELESTIAL. A beautiful and attractive plant; the peppers, up to the time when they are full grown are of a delicate creamy yellow color, and when fully grown change to an immense vivid, scarlet, making the plant, when loaded with fruit, part of one color and part of the other, very attractive. Per pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

SPANISH MONSTROUS. Fruit very large, often 8 inches or more in length by 2 or 3 inches in diameter; rind thick and fleshy; mild and sweet flavored. Per pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

IMPROVED BULL NOSE OR SWEET MOUNTAIN. A very large sort of inverted bell shape, suitable for filing or for a mixed pickle; flesh thick, hard and less pungent than most other sorts; very productive and of good sweet quality. Pkt. 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25, postpaid.

PUMPKIN.

CONNECTICUT FIELD. One of the best for field culture; can be grown with corn; largely used for stock feeding. It is of deep, rich, yellow color, firm grain and excellent flavor. Oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c; postpaid.



*Improved Guernsey
Hollow Crown.*

CULTURE. One pound for 200 to 300 hills; three to four pounds per acre in hills ten by ten feet or twelve by twelve feet apart.

LARGE CHEESE OR KY. FIELD. A most popular variety in the south. Fruit flattened, skin mottled light green and yellow, changing to rich cream color as it matures; flesh tender and of excellent quality. Pkt., 5c. oz. 10c, $\frac{1}{4}$ lb., 20c, lb., 50c; postpaid. (crop very short.)

*View of field of
Connecticut Field
Pumpkins.*

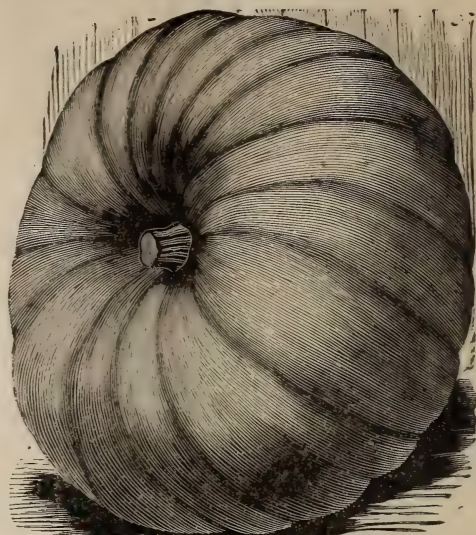
PUMPKIN—Continued.

✓ **KING OF THE MAMMOTH.** This is the genuine strain of the Town Mammoth Pumpkin. The largest pumpkin grown, often attaining a weight of 200 lbs. and over. The flesh and skin are of a bright, golden yellow color, of excellent quality and a splendid keeper. Per pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50, postpaid. (Crop very short.)

✓ **CUSHAW.** A prolific variety, resembling in form the winter Crookneck Squash, although growing to a much larger size, frequently weighing 60 lbs., and over; color white striped and mottled with green. Per pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 90c, postpaid. (Crop very short.)

✓ **SWEET POTATO.** Pear shaped, size medium; creamy white in color, sometimes striped with green; flesh fine grained and very sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c, postpaid. (Crop almost a failure.)

✓ **SMALL SUGAR.** This is very handsome and prolific; of small size, the pumpkin averaging about ten inches in diameter. The skin is a deep, orange yellow. It is fine grained, sweet, dry and an excellent keeper and cannot be beaten for table use. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.



King of the Mammoth Pumpkin or the True Fotiron.

☐ (Crop very short.)

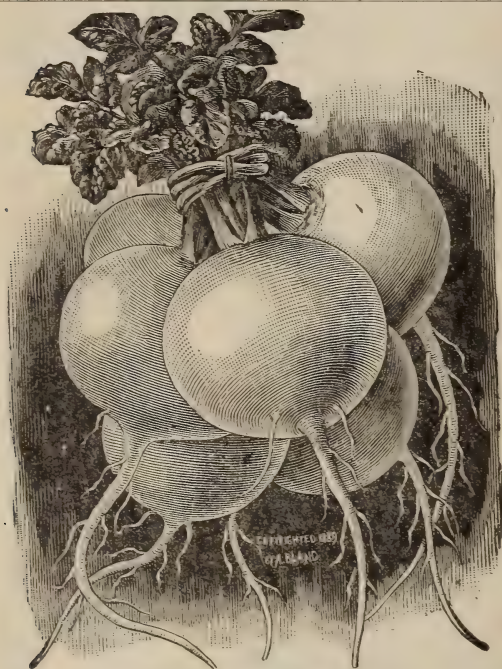
RADISH.

All saved from selected and transplanted roots.

✓ **EARLY SCARLET GLOBE.** A desirable turnip sort for hot-bed forcing and out-doors; very early; flavor mild, crisp, juicy and tender; top small; will stand heat without becoming pithy. One of the best selling and most attractive Radishes on account of its bright scarlet color and handsome shape; is ready in 28 days. Our stock of this is the very best selected with special care as to size, shape, color and earliness. (Crop very short.) Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; postpaid.

✓ **EX. EY DEEP SCARLET TURNIP, WHITE-TIPPED, FORCING.** A beautiful variety, deep scarlet with white tip; popular as a market variety. The earliest forcing variety and cannot fail to give full satisfaction as such; small top. Does not show as much white as the ordinary Sc. T. W. Tip. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; postpaid.

✓ **NEW CHAMPION.** An extra early variety, ready for the table three weeks after sowing, of



Philadelphia White Box.

dark red color, flesh white and remarkably mild, crisp and tender; the leaves are short and make a very small top; very desirable for forcing. Per pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

| STANDARD VARIETIES. | Pkt. | oz. | ¼ lb. | lb. |
|-----------------------------------|------|-----|-------|-------|
| ✓ Early White Turnip | 5c | 10c | 25c | 75c |
| ✓ Earliest Carmine Turnip | 5c | 10c | 30c | 90c |
| ✓ Early Deep Scarlet Turnip | 5c | 10c | 25c | 90c |
| ✓ Scarlet Turnip White Tip | 5c | 10c | 25c | 70c |
| ✓ French Breakfast | 5c | 10c | 25c | 60c |
| ✓ Yellow Summer Turnip | 5c | 10c | 20c | 60c |
| ✓ Long Scarlet Short Top | 5c | 10c | 25c | 70c |
| ✓ Giant White Stuttgart | 5c | 10c | 20c | 65c |
| ✓ Long White Naples | 5c | 10c | 25c | 75c |
| ✓ Long White Spanish | 5c | 10c | 20c | 65c.. |



Early White Early Deep Scarlet Scarlet Turnip,
☐ Turnip. Turnip. White Tipped.

RADISHES—Continued.

✓ **WHITE STRASBURG OR HOSPITAL.** A leading sort on our market; half long in shape; both skin and flesh pure white, firm and brittle; grows to a large size and withstands severe heat. Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c; postpaid.

✓ **WOOD'S EARLY FRAME.** This variety is similar in shape to the Long Scarlet, but shorter and fully ten days earlier; much used for forcing. Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c; postpaid.

✓ **LONG WHITE VIENNA OR LADY FINGER.** This is one of the finest of the long radishes, beautiful in shape, skin and flesh pure white. Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c; postpaid.

✓ **BRIGHTEST LONG SCARLET, WHITE TIPPED.** Resembling the Long Scarlet in shape and size; very early. Its color is a bright scarlet, more the color of carrot than radish; the tails are tipped white. Pkt. 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

✓ **IMPROVED CHARTIER.** The color at the top is crimson running into pink about the middle, and from thence down it is a pure waxy white; it is of quick growth, and does not become stringy; per pkt. 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c; postpaid.

✓ **ROUND BLACK SPANISH.** Globe-shaped, black skin, white flesh, very firm and hardy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 70c; postpaid.

✓ **LONG BLACK SPANISH.** A large winter variety, one of the hardiest; firm, solid flesh and will keep until spring. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c; postpaid.

✓ **CHINESE ROSE WINTER.** A general favorite, size medium; flesh white, firm and of a superior quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 70c; postpaid.

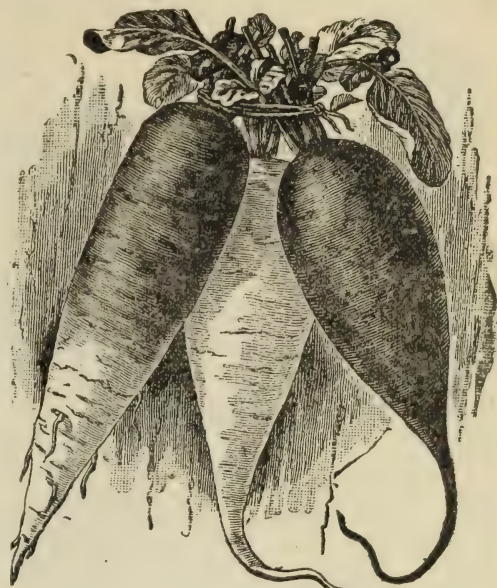
✓ **CALIFORNIA MAMMOTH WHITE WINTER.** (Large Russian.) A fine winter sort of immense size, skin white, a most excellent keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c; postpaid.

RHUBARB. We Pay the Postage.

CULTURE. Sow in drills one foot apart, one in. deep; when a few inches high thin to a foot apart. In Fall or Spring prepare the ground for the final bed by trenching 2 feet deep; mixing a liberal quantity of manure with the soil. Set the plants three feet apart each way.



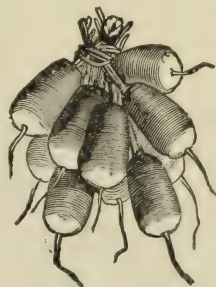
Long Black Spanish



Impr. Chartier.

White Strasbourg.

Wood's Ey. Frame.



French Breakfast.



Bloomdale or Savoy Leaved

✓ **LINNAEUS.** The earliest for market purposes. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

✓ **VICTORIA.** Large and tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

✓ **ROOTS.** Not prepaid, dozen, \$1.00, each 10c.

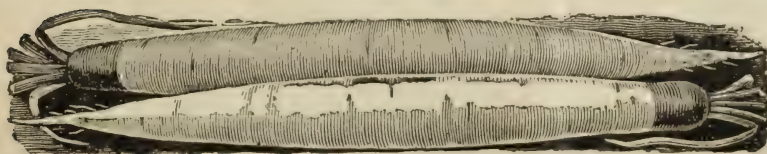
SPINACH.

✓ **THICK LEAVED ROUND.** Good for either fall or spring sowing; very hardy; leaves large, round, thick. Pkt. 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c; postpaid.

✓ **BLOOMSDALE OR SAVOY-LEAVED.** Leaves large, curled and wrinkled like Savoy cabbage, very hardy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c; postpaid.

SALSIFY OR VEGETABLE OYSTER

CULTURE. It succeeds best in a light, well enriched soil; coarse and fresh manure should be avoided, as it will surely cause the roots to grow uneven and ill-shaped. Sow the seed as early as possible, and quite deep in drills about eighteen inches apart, and thin the plants to three inches in the row.



✓ **MAMMOTH SANDWICH ISLAND.** This variety grows to an extra large size, averaging fully double the size and weight of roots of the old French variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35.

SQUASH. Crop Very Short.



Mammoth White Bush Scallop.

MAMMOTH CHILI. The largest of all squashes, growing to an immense size, often attaining a weight of 150 pounds; skin quite smooth, of orange yellow color, while its rich, fine flavored flesh is valued for all purposes. Pkt., 5c; oz., 10c; ¼ lb., 30c; b., \$1.00, postpaid.

VEGETABLE MARROW: The fruit is very variable in size, from nine to eighteen inches in length, and from four to six inches in diameter. Skin a greenish yellow, flesh white, soft and of rich flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

CHICAGO WARTED HUBBARD. For thirty or forty years this squash has ranked first for a winter keeper. It was found by growing it in a large way, that the largest, heaviest, dark, rough-skinned specimens are the most valuable, and most salable. Because of this the above selection has been made, and we think our customers can plant it in perfect confidence that every fruit will be a pure Warded Hubbard. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; postpaid.

CULTURE—Tomatoes do best on not over rich, warm soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Even a slight check while the plants are small will materially diminish their productiveness. Sow the seed in hot-beds or seed boxes and when the plants have four leaves, transplant into shallow boxes or cold frames.



Matchless.

MAMMOTH WHITE BUSH SCALLOP. An early flat, scalloped variety, pure white, favorite early sort. Pkt., 5c; oz., 10c; ¼ lb., 25c; b., 75c; postpaid.

GIANT SUMMER CROOK-NECK. Early, rough, warty surface, orange yellow, good quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

GIANT SUMMER STRAIGHT-NECK. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

PERFECT GEM. Fruit nearly round, from four to six inches in diameter, with thin, smooth shell, slightly ribbed; it is the best intermediate sort. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c; postpaid.

Corp very short



Giant Summer Crook Neck.

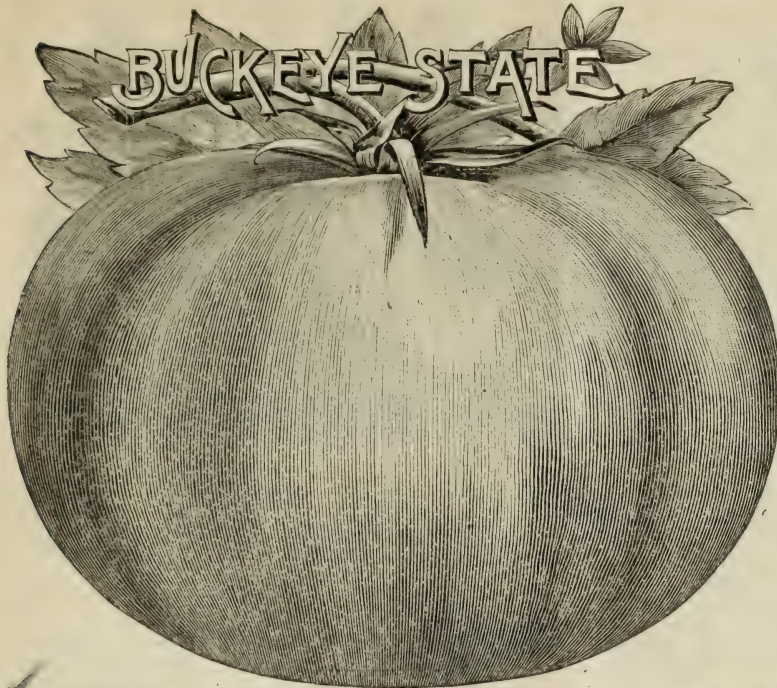


Chicago Warded Hubbard.

TOMATOES

MATCHLESS. A large, bright red tomato, which has become very popular in the East. The fruit is large, very smooth and symmetrical, ripening well to stem. The flesh is a rich, bright red color and of fine quality, though not as solid as that of Stone. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

| | Postpaid. | Pkt. | oz. | ¼ lb. | lb. |
|----------------------------|-----------|------|-----|-------|--------|
| ✓ Acme | 5c | 20c | 60c | | \$2.00 |
| ✓ Royal Red | 5c | 20c | 60c | | 2.00 |
| ✓ Trophy | 5c | 20c | 60c | | 2.00 |
| ✓ Paragon | 5c | 25c | 75c | | 2.00 |
| ✓ Large Smooth Red | 5c | 20c | 60c | | 2.00 |
| ✓ Ponderosa | 5c | 25c | 90c | | 3.00 |
| ✓ Volunteer | 5c | 20c | 60c | | 2.00 |
| ✓ Golden Queen | 5c | 20c | 60c | | 2.00 |
| ✓ Yellow Plum | 5c | 25c | | | |
| ✓ Strawberry or Husk | 5c | 25c | | | |



Tomato—Con.

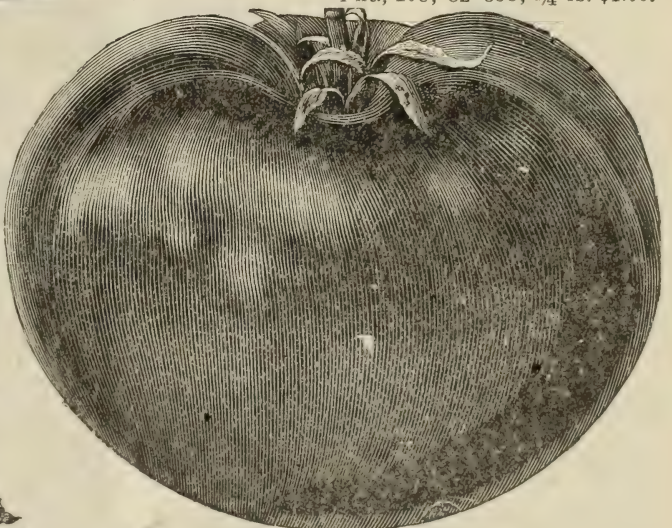
LIVINGSTON'S MAGNUS.

This very distinct and most promising new variety, of the color of Beauty and Acme, is the latest addition by Livingston to the Tomato family. It is thicker, heavier, and more solid than either of the above making it easily the most handsome sort in cultivation. It is unsurpassed in quality, and in the production of fine, large fruits. While perfectly adapted to main crop planting, yet it matures so quickly that it will take first rank for early market. The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. The fruits are very deep from stem to blossom end, many of them being almost globe shaped. It ripens evenly. Pkt., 10c; oz 35c; $\frac{1}{4}$ lb. \$1.00.

✓ **LIVINGSTON'S BEAUTY.** True stock Grows in clusters of four or five; glossy crimson, partaking of some of the characteristics of the Acme; solid; retains its color and size until late in the season; for shipping or early market it cannot be excelled. Per pkt., 5c; oz. 25c; $\frac{1}{4}$ -lb. 65c; lb. \$2.00.

✓ **LIVINGSTON'S FAVORITE.** One of the most perfect shaped tomatoes grown. Very smooth; darker than the Perfection; ripens evenly and quite early; good shipping qualities. Per pkt., 5c; oz. 20c; $\frac{1}{4}$ -lb. 60c; lb. \$2.00.

✓ **LIVINGSTON'S PERFECTION.** Very large and early; blood red; perfectly smooth, thick meat; few seeds; it is one of the earliest to mature; solid and of good quality; a fine shipping sort. Per pkt., 5c; oz. 20c; $\frac{1}{4}$ -lb. 60c; lb. \$2.



Livingston's Magnus.

✓ **NEW STONE.** It is a large, smooth tomato; color bright scarlet; ripens evenly to the stem; solid and excellent shipper. Very productive; fine for canning. Is a general favorite with all who have used it. Per pkt., 5c; oz. 25c; $\frac{1}{4}$ -lb. 75c; lb. \$2.25.

✓ **BUCKEYE STATE.** This is one of the largest fruited variety grown; smooth and uniform, heavy cropper; grows in clusters of from four to ten fruits; color glossy and dark crimson, with slight tinge of purple. Matures about the same time as the Stone. Pkt., 5c; oz. 25c; $\frac{1}{4}$ -lb. 75c; lb. \$2.25.

✓ **DWARF CHAMPION.** The best early tomato grown. It is entirely distinct in habit of growth and foliage; the vines are dwarf and compact, grow stiff and upright, with thick and short jointed stems. As an early tomato of some size it is unsurpassed. Pkt 5c, oz 25c, $\frac{1}{4}$ lb 75c, lb \$2.50.



Dwarf Champion.

Turnip

EXTRA EARLY RED-TOP MILAN.

The earliest strap leaf variety, maturing a week earlier than any other sort; bulbs white, purplish top; flat and solid. Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 70c.

EARLY WHITE EGG. Pure white, egg-shaped, rapid grower and fine quality; very solid, fine-grained flesh. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c; postpaid.

PURPLE TOP STRAP-LEAF. The most popular variety grown. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c; postpaid.

WHITE FLAT DUTCH. A popular well known early sort; the best variety for spring sowing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c; postpaid.

PURPLE TOP WHITE GLOBE. Improved variety of Purple Strap-Leaf, globular shaped, smooth and a favorite sort for market gardeners. It keeps well, and is excellent for early or winter market. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

POMERANIAN WHITE GLOBE. Valuable both for stock feeding and for table use; the roots will frequently grow to 12 lbs. in weight. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c; postpaid.



Purple Top White Globe



White Dutch Flat.

Purple Top Strap Leaf.

SEVEN TOP OR FORESTER. (Winter Green.) Used extensively in the South for winter greens; does not produce a good bulb; desirable only for its tops; is very hardy and will grow all winter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c; postpaid.

LONG WHITE COW HORN. Carrot-shaped, pure white, except at top; fine grained, very sweet; roots grow half above the ground. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

AMBER GLOBE. Yellow flesh, firm, fine grain; very sweet, skin yellow with green top; keeps well; very popular in the South. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c; postpaid.

RUTA BAGAS.

CULTURE. Sow the seeds about a month earlier than turnips. Ruta Bagas should be sown on ground enriched with well rotted manure, in drills two and one half feet apart, and should be thinned to six to eight inches apart in the row.

IMPROVED AMERICAN PURPLE TOP. Leading yellow variety; very productive, solid and of excellent flavor; the roots grow to a large size and are of the finest quality; unsurpassed for stock feeding. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c; postpaid.

The tobacco seed we offer has been carefully grown on crown shoots only, and improved by continuous selection. It will be found true to name and of the highest vitality. "Virgin's Crown."

Prices on all varieties. pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 75c.

TOBACCO SEED.

YELLOW ORONOCO. Used for first-class plug fillers, and makes, when sun cured, the best natural Chewing Leaf; a favorite wherever known.

WHITE BURLEY. This variety is especially valuable to manufacturers, either for cut or plug tobacco. It is sometimes used for wrappers.

CONNECTICUT SEED LEAF. The largest, best and finest variety of this indispensable kind.

BIG HAVANA. A hybrid Havana or Cuban seed leaf; a heavy cropper of fine texture, delightful flavor and the earliest cigar variety to mature.

GOLD FINDER. A Yellow Oronoko crossed on White Burley; has the shape and habit of the Oronoko. Especially recommended for Missouri and Kansas planters.

Aromatic Medicinal and Pot Herbs.

Varieties with an * are Perennials.

| | Pkt. | Oz. |
|--------------------------------|--------|--------|
| Anise (Anis) | \$0.05 | \$0.10 |
| *Balm (Melisse) | .05 | .25 |
| Belladonna (Tollkirsche) | .05 | .30 |
| Basil, Sweet (Basilicum) | .05 | .15 |
| Borage (Gurkenkraut) | .05 | .15 |
| *Caraway (Kummel) | .05 | .10 |
| Coriander (Koriander) | .05 | .10 |

| | Pkt. | Oz. |
|------------------------------|--------|--------|
| Dandelion (Loewenzahn) | \$0.05 | \$0.25 |
| Dill (Dill) | .05 | .10 |
| *Fennel (Fenchel) | .05 | .10 |
| *Lavender (Lavendel) | .05 | .25 |
| Marjoram (Marjoran) | .05 | .15 |
| *Rosemary (Rosmarin) | .05 | .25 |
| *Rue (Route) | .05 | .25 |



Marjoram.



| | Pkt. | Oz. |
|--------------------------------------|--------|-----|
| Sage (Salbei) $\frac{1}{4}$ lb. 50c. | \$0.05 | .15 |
| Saffron (Safron) kraut | .05 | .15 |
| *Summer Savory (Bohnen) | .05 | .15 |
| Sorrel (Sauerampfer) | .05 | .25 |
| *Tarragon | .05 | .25 |
| *Thyme (Thymian) | .10 | .20 |
| *Wormwood (Wermuth) | .05 | .15 |

Martynia.

MARTYNIA PROBOSCIDEA.
For pickling. Pkt., 5c; oz., 30c;
 $\frac{1}{4}$ lb., \$1.00.

Flower Seeds



Aster—Giant Comet or Poodle.



Alyssum. Little Gem or Carpet of Snow.

Alyssum.

Pretty little plants for beds, vases, edgings, or rock work, with delicate white flowers of exquisite fragrance.

—**MARITIMUM.** Very sweet scented.—Oz., 30c; pkt., 5c.

—**LITTLE GEM OR CARPET OF SNOW.** We know of no other white flower which is so particularly well adapted for borders, ribbons, etc., as our Little Gem. It is of Dwarf, compact habit, 4 to 6 inches in height, each plant covering a circle of about 15 inches in diameter. The plants commence to bloom when quite small and soon become one mass of white, remaining in full bloom from spring until fall. Each plant being densely studded with the beautiful miniature spikes of delicious fragrant flowers.—Oz., 40c; pkt. 5c.

Acquilegia. (Columbine).

Hardy perennial plants, ornamental both in growth and flowers, and no bed of perennials would be complete without a due proportion of Columbine.—Double mixed, pkt., 5c.



Aster—Victoria.

Asters.

It is unnecessary to dwell on the great beauty of these popular flowers, as they are appreciated by everyone. Sow the seed early in the spring under glass or in pots in the house and transplant in May about one foot apart.

—**VICTORIA.** The most handsome Aster in cultivation; flowers large and perfectly double, or globular shape and beautifully imbricated, 1½ feet high.

| | |
|--------------------------|-----------------------|
| Apple Blossom, pkt. 10c | Crimson,.....pkt. 10c |
| Pure White,.....pkt. 10c | Pink,.....pkt. 10c |

Many colors, finest mixed, pkt. 10c.

—**PAEONY FLOWERED.** Flowers large, brilliant, very double and imbricated; resembling those of the Paeonies, 1½ to 2 feet high.—Mixed colors. Pkt. 10c.

—**GIANT COMET OR POODLE.** The Comet Aster is well known for its unique appearance, resembling the Japanese Crysanthemums; but in this beautiful race of Giants we have not only the twisted, curled and crested forms of the old Comet, but much larger and more striking flowers. The petals are longer and broader with the same beautiful wavy appearance of this class; 18 inches high. Mixed colors; pkt., 10c.

—**SEMPEL'S BRANCHING.** The plants are of branching habits, producing twenty or more perfect flowers, borne on long stiff stems.—Mixed colors; pkt., 10c.

—**NEW CROWN.** A very showy variety; central petals of purest white, making a striking contrast to the large brilliantly colored outer petals, 18 inches. Mixed colors, 10c.

AGERATUM. Mexicanum—Very attractive plants for bedding; constant bloomers; colors bright blue and pure white.—Pkt. 5c.



Antirrhinum. (Snap Dragon)

ANTIRRHINUM. (Snap Dragon.) An old garden favorite with odd shaped flowers and pretty spotted throats, succeed in any good garden soil. They blossom the first season from seed sown in the spring. Tender perennial.—Dwarf Sorts mixed, pkt. 5c.

AMARANTHUS.

A. Caudatus. (Love Lies Bleeding.)—Pkt. 5c.
A. Tricolor. (Joseph's Coat.)—Pkt. 5c
A. Splendens. (Rainbow Plant.) Plants of upright growth; the inner foliage is of a dark, blackish bronze, tipped with green, while the outer foliage is an intense flaming crimson and shining gold.—Pkt. 5c.

Balsams. (Lady Slippers or Touch-me-not)

—**DOUBLE CAMELLIA FLOWERED.** Undoubtedly the shofiest and most attractive variety of Balsam.—Mixed colors, $\frac{1}{4}$ oz., 20c; pkt., 5c.

—**DOUBLE ROSE FLOWERED.** Has perfectly double roselike blossoms of almost every shade and colors.—Mixed colors, $\frac{1}{4}$ oz. 20c, pkt. 5c.



Canterbury Bell. (Cup and Saucer.)

CANTERBURY BELL. (Campanula.)—Cup and Saucer—A very striking and beautiful variety, and a most desirable and attractive addition to this class of old garden favorites; the flowers are nearly four inches in diameter, resembling a cup and saucer.—Pkt. 5c.

CALENDULA. (Pot Marigold.) Sow the seed early in the open ground and they will bloom profusely from June until frost.—Meteor.—Large double yellow striped with orange.—Pkt. 5c.

—Orange King.—The grandest and best of all the Marigolds.—Pkt. 5c.

BALLOON VINE. (Love in a Puff.) A rapid growing climber with peculiar inflated capsules, 5 ft., pkt. 5c.

Candytuft. New Giant Hyacinth Flowered.

This improved new strain is far superior to that well-known kind, Empress, heretofore the best of its class. The flower-heads are of immense size, 6 inches long, and about 3 inches across, resembling a Dutch Hyacinth. They are pure white, and furnish excellent material for cutting. Seed sown in April, flowers from July till frost—Pkt. 10c; $\frac{1}{4}$ oz., 20c.

—Older sorts in mixed colors—Pkt., 5c; oz., 20c.



Candytuft. New Giant Hyacinth Flowered.



Balsam Double Camellia.

*Calliopsis—**Golden Wave.*

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liciously scented, exquisitely lacinated, and on long stems, which render them valuable for cutting. In unique beauty it is entirely unlike any other flowering plant and sure to excite admiration wherever grown.—Pkt., 10c.

—MIXED. Bachelor's Button, 5c Pkt.

CANNAS. "New Giant Flowered Crozy Type." Our seed has been saved from a beautiful collection, comprising over fifty kinds. Soak the seed in hot water 12 to 24 hours before sowing. When young plants show two or more leaves, they should be transplanted. Seed sown in February or March will make flowering plants by July. All varieties and colors, mixed, pkt., 5c; (10 seed); oz., 20c.

Calliopsis or Coreopsis.

Snowy and beautiful free flowering annuals; blooming all summer and excellent for cutting.

—**GOLDEN WAVE.** Plant very bushy and compact; about two feet high and covered from July to October with hundreds of beautiful golden blossoms, two inches across, marked with dark brown in center. Pkt., 5c.

CHRYSANTHEMUM. (Annual) No annual furnishes so many cut flowers as these, which bloom plentifully throughout the summer, sow seed early in spring in hallow drills and thin out or transplant, plants to 10 in. apart—Single and double varieties mixed. Pkt., 5c; oz., 15c.

Centaurea: (BACHELOR'S BUTTON.)

Very free-blooming, hardy annuals. Also called Blue Bottle, etc.

—**MARGUERITE.** This novelty is entirely distinct from all other *Centaureas* and undoubtedly the most beautiful known. The plants grow about eighteen inches high and are of the easiest culture.

The large flowers are of purest white, and

*Cannas. New Giant Flowered Crozy Type*

Carnation.

—**NEW DWARF MARGARET CARNATION.** A carnation that blooms the first year from seed.

The plants are of dwarf, compact habit, and flower most abundantly, and throughout the whole year; 80 per cent of the flowers are very double, never burst, and embrace a great variety of color. One-eighth oz., 25c; Pkt., 10c.

*New Dwarf Margaret Carnation.**Cypress Vine.*

Cypress Vine. (Ipomoea.)

A most beautiful climber, with delicate, dark-green foliage and an abundance of bright, star-shaped rose, scarlet and white blossoms. Do not plant the seed till the ground is thoroughly warmed. White, pink, crimson, pkt., 5c. —Mixed, oz., 25c; pkt., 5c.

NEW MAMMOTH

PERFECTION COSMOS



Cosmos. A very effective autumn flowering plant. Quite hardy and rapid growing, forming bushes often four to six feet high, and covered with large single dahlia-like flowers. Sow the seed early in spring thinly in drills, or two or three seed may be planted in places where seed are to bloom; have the plants stand about 2 feet apart.

—**MAMMOTH PERFECTION.** (*Giant of California.*) It is impossible to describe adequately these exquisite new varieties. There are monstrous white flowers with flecked and pinked edges; the dark crimson flowers resemble large, single Dahlias; the tinted varieties are charming, and others again are flushed with mauve and pink. The flowers measure from 3 to 4 inches across.—Mixed or separate colors. Pkt., 5c.



Cockscomb—President Thiers.



Dianthus—Heddewigi Diadematus fl. pl.

Cockscomb. (Celosia)

Highly ornamental plants, producing crested heads, somewhat resembling a cock's comb. Start in the house and transplant about the last of May.

President Thiers—One of the most dwarf of all cockscombs, bears largest crimson combs; if planted alongside of rows of Golden Feverfew and Dusty Miller it will make one of the most brilliant strips of border bedding. It is also a very handsome pot plant. Pkt. 10c.

—Dwarf Varieties Mixed, Pkt., 5c.

Dianthus or Pink.

—Double Chinese Pink.—Pkt., 5c.

—Heddewigi Diadematus fl. pl. Beautiful double flowers of the brightest colors, handsomely fringed and borne on long stiff stems.—Pkt., 5c.

—Mourning Cloak—The most striking of all pinks; rich blackish, velvety crimson, margined with pure white.—Pkt., 5c.



*Climbing Dolichos—Princess Helen,
(Daylight.)*

Climbing Dolichos. (Hyacinth-Bean.)

—**PRINCESS HELEN** (Daylight.) One of the prettiest climbers and certainly the most beautiful among the Dolichos or Hyacinth-Beans. Of very rapid growth, the plant is indifferent to bad weather, and it will grow to a height of 15 feet by mid-summer. The flowers which appear in great numbers, are snow-white, sweet-scented and are followed by cream-colored pods which hang to the plants until late in the fall.—Pkt., 5c; oz., 35c.

—Mixed, older sorts. pkt., 5c; oz., 20c.

Gourds

A class of rapid-growing annual climbers which attain a height of 20 ft. in a season, and are most useful for covering old trellises, fences, stumps, verandas, etc. The foliage is dense, and the fruits are of the most curious shapes and colors.



Ornamental Gourds.

| | |
|---|--------|
| Dish Cloth | pkt 5c |
| Nest Egg | pkt 5c |
| Dipper | pkt 5c |
| Sugar Trough | pkt 5c |
| Apple Shaped | pkt 5c |
| Pear Shaped | pkt 5c |
| Mixed Gourds, all the above and many oth- ers | pkt 5c |
| Same, oz. | 25c |

COBAEA SCANDENS.

A magnificent quick-growing climber with beautiful foliage and large bell shaped flowers. Plant the seed edgewise in moist earth and cover only slightly.—Pkt., 5c.

DAHLIAS. When sown early Dahlias will bloom the first year from seed.—Double mixed pkt., 10c;—Single mixed, pkt., 5c:



Cobaea Scandens.

DOUBLE DAISIES. (*Bellis Perennis fl. pl.*) Very pretty flowers, desirable for borders; can be easily raised from seed sown in spring.—Double white, pkt., 5c.

Delphinium. (Larkspur.)

One of the most showy and useful hardy perennials, producing splendid spikes of flowers in profusion throughout the summer; invaluable for large gardens. If sown early they bloom the first year from seed.—Hardy Perennial Hybrids, Mixed, Pkt., 5c.—Choice Annual Mixed, pkt., 5c.

Escholtzia. (California Poppy.)

A genus of the Poppy family, and fully as valuable as the common Poppy for garden ornamentation, and as easily grown. Nothing is handsomer or richer in color than a bed of these in full bloom. Do not transplant. Height one foot.

—**BUSH ESCHOLTZIA.** A new and distinct variety of unusual merit. The plants grow in a shrubby bush, 2 feet high, and produce large cup-shaped flowers 3 inches across on stems 10 inches long. The color is of clear, bright yellow, the petals are broad and crinkled like crushed satin.—Pkt., 5c.

—**THE GOLDEN WEST.** The flowers have large over-lapping petals, which are often delicately waved at the edges, showing beautiful and varied forms. The color is an intense shining yellow with an orange blotch at the base of the petals, which blotch often suffuses almost the whole flower.—Pkt., 5c.

Foxglove. (*Digitalis*.)

Plants grow to about three to four feet and produce dense spikes of brilliantly colored flowers. A valuable flower in every perennial garden; does not usually blossom until the second year; grows very easily from seed.—Mixed, many kinds, pkt. 5c.

FORGET-ME-NOT (*Myosotis*.) Beautiful little plants with star-like flowers, blooming the first year if sown early.—Pkt. 5c.

FOUR O'CLOCKS. (*Mirabilis* or *Marvel of Peru*.) Large growing shrub like plants, with funnel-shaped flowers of many colors.—Mixed, oz., 15c; pkt., 5c.

Geraniums FROM SEED.

These grow readily from seed and produce blooming plants the first summer. There is a great deal of pleasure in watching them develop from seed, and there is always the chance of securing something new and desirable in that way.

—**SPLENDID MIXED.** Planted early, they bloom the first summer. Pkt., 5c.

Gaillardia.

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during the summer and autumn.

—**GAILLARDIA GRANDIFLORA COMPACTA.** A beautiful new hardy flower. New compact growing varieties of the hardy perennial Gaillardias, forming round bushes of about 12 to 15 inches in height and bearing its long-stemmed blossoms perfectly upright. The colorings of the flowers are rich and varied. As the plants produce their flowers most profusely and in constant succession from June to Autumn, this novelty with its improved habit will prove to be one of the most desirable of all hardy perennials grown for cut-flowers. Pkt., 10c; 2 for 15c.



Gaillardia Grandiflora Compacta.—A beautiful New Hardy Flower.

—**PICTA LORENZIANA.** A charming profuse double flowering strain; beautifully mixed colors, pkt 5c.



Gaillardia. (Picta Lorenziana.)

HELIOTROPE. A well known old variety; its delightful perfume makes it a most desirable bouquet flower. Pkt., 5c.

JAPANESE HOP.

(*Humulus Japonicus.*)

A splendid annual climber of rapid growth with stands heat, drouth and insects; remains fresh until late in the fall. Pkt., 5c.

LOBELIA Exceedingly pretty and of value chiefly for hanging baskets and border work.

—**SPECIOSA.** Best for hanging baskets, Pkt. 5c

—**CRYSTAL PALACE COMPACTA.** Deep blue, for bedding. Pkt. 5



Hollyhock.



New French Marigold—Legion of Honor.

Hollyhock.

THE HOLLYHOCK, in its present state of perfection, is very unlike its parent of olden times, it now ranks with the Dahlia, Aster, etc., being exceedingly rich and varied in color, and as double as a rose. All our seed of this beautiful plant have been saved from the finest and largest double flowers only and will produce flowers extremely double, and in the best, brightest and most charming colors. —Charter's finest mixed, pkt., 10c. For roots, see Plant Department.



Marigold—Tall African.

MARIGOLD.

The African and French Marigolds are old favorites; the former have uniformly large yellow or orange colored flowers and are well adapted for large beds; the latter are dwarfed ingrowth, with beautifully striped flowers and betted suited for bedding purposes; succeed best in light soil with full exposure to the sun.

—**Double Tall African.**—Mixed, oz., 40c; pkt., 5c.

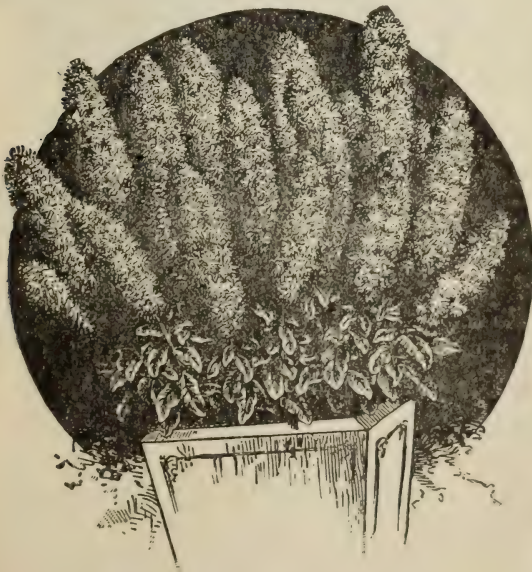
—**Double Dwarf French.**—Mixed, oz., 50c; pkt., 5c.

—**Legion of Honor.** One of the prettiest and handsomest of the Marigolds. A beautiful single dwarf, bushy variety, bearing rich golden yellow flowers, marked with velvety brown; about 9 inches high. Pkt., 5c.

*Giant Japanese Morning Glory.*

• • • *Maurandia.* • • •

Graceful climber, for conservatory, parlor baskets, or outdoor purposes; with rich purple, white and rose, tube shaped flowers.—Pkt., 5c.

*Mignionette: Giant Mache.*

❧ *Giant Japanese Morning Glory.* ❧

Nothing among flowers can furnish a more beautiful sight than a screen or trellis of these "Giant Japanese Morning Glories."

The plants obtaining a growth of 20 feet by mid-summer. The leaves are large heart-shaped, many of them a rich dark color, marbled with silvery white or yellow. The flowers are really gigantic, being double the size of the ordinary kind; their main attraction, however, is not their enormous size, but their wonderful coloring. Their varieties of color are infinite, running from snow-white through all possible shades of blue, and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and sometimes show rare shadings of ash-blue bronze, brown and slate-blue colors rarely found in any other flowers.

The seed can be sown in the open ground in a sunny situation, when the weather has been warm and settled, but the seeds germinate a little slower than those of the common Morning Glory, and it is well to soak them in water for 24 hours before sowing. Best single fringed mixed, pkt., 5c; oz., 25c.

• • • *Morning Glory.* • • •

CONVOLVULUS. The best known and most popular climber.—Tall varieties mixed, pkt., 5c; oz., 10c; ¼ lb., 25c.

Mignionette, (Reseda Odorata.)

A well known annual, producing dense, semi-globular heads of exceedingly fragrant flowers.

—**AMELIORATA.** Very sweet scented. Pkt., 5c; oz., 15c.

—**GIANT MACHET.** There is no Mignionette which can equal this. Its flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct, while its odor is strong and most delicious. The plant is of robust habit, pyramidal in form, and grows about 12 inches high. It is the best Mignionette for all purposes, either in pots or for the garden.—Pkt., 10c.

❧ *Moon Flower.* ❧

(**IPOMOEA NOCTIFLORA.**) White—The most beautiful of annual climbers. In rich, warm ground the plants readily grow twenty-five feet high. The larger flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant.—Pkt., 10c; Moon Flower Plants, 15c each; pre-paid, 20c.

*White Moon Flower.*

NEW NASTURTIUM "Ghameleon"



This new strain of Nasturtiums is a most remarkable advance in this brilliant family. We find that in richness and variety of colors it surpasses any other strain, and is also unique in bearing flowers of quite distinct colorings on one and the same plant some clear, deep crimson, others blotched on light ground and other beautifully mottled.

TALL CHAMELEON.

This variety, with its very large, rich flowers in the greatest variety blooms with the greatest freedom the entire season. Pkt., 5c; oz., 15c.

DWARF CHAMELEON.

This strain is remarkably dwarf and as a border or

bedding plant has a distinct place. Its flowers are carried well above the foliage and almost hide it. This is the most brilliant mixture of Nasturtiums we have ever seen; the colors and color combinations are simply magnificent. Pkt., 5c; oz., 20c.

TALL VARIETIES. NASTURTIIUMS.

CAPRICE. The flowers are wonderfully rich and brilliant in markings, showing many combinations of coloring; dark foliage. Pkt., 5c; oz., 20c.

Few flowers, either as climbing or trailing on the ground are more attractive and bright than the Tall Nasturtium. A farm or rural home can hardly have too many of these beautiful climbers, as few flowers impart such rich "bits of beauty" to the garden as the different types of Nasturtiums.

FIREFLY. Dark orange, spotted and flamed blood red; foliage and stems dark. Pkt., 5c; oz., 20c.

PRINCESS VICTORIA LOUISE. One of the most beautiful and remarkable varieties; the large flowers are cream white with orange scarlet blotches. Pkt., 5c; oz., 20c.

PRINCE HENRY. Shining yellow, marbled bright scarlet. Pkt., 5c; oz., 10c.

KING THEODORE. Rich, deep red, dark leaves; most striking variety of its class. Pkt., 5c; oz., 15c.

EDWARD OTTO. Velvety bronze. Pkt., 5c; oz., 10c.

HEINEMANNI. Silky bronze chocolate. Pkt. 5c, oz. 10c.

—**TALL VARIETIES MIXED.** A very choice mixture of the best named sorts, including some "Lobb's Nasturtiums" and the beautiful "New Hybrids." Pkt., 5c; oz., 15c; ¼ lb., 30c.

LOBB'S NASTURTIUM. As easily grown as the common Tall Nasturtium, which they far surpass in brilliancy of their flowers, in height, rapid growth and freedom of bloom. Pkt., 5c; oz., 15c; ¼ lb., 40c.

DWARF VARIETIES.

Tom Thumb Nasturtiums are very useful for bedding, massing and ribboning. The flowers are more brilliant if the soil is not over-rich. Plant seed one inch deep in rows one to two feet apart and thin out ten or twelve inches apart.

EMPRESS OF INDIA. Flowers of dark, rich, salmon scarlet, dark green foliage. Pkt., 5c; oz., 15c.

AURORA. Deep chrome yellow, the two lower petals blotched and varied carmine. Pkt. 5c oz. 10

KING THEODORE. Dark maroon, bluish green foliage. Pkt., 5c; oz., 10c.

KING OF TOM THUMBS. Scarlet, dark foliage. Pkt., 5c; oz., 10c.

GOLDEN CLOTH The foliage is of a bright yellow, while the flowers are intense scarlet Pkt., 5c; oz., 10c.

—**DWARF VARIETIES.** In splendid mixture; ¼ lb., 40c; oz., 15c; pkt., 5c.



NEW CLIMBING NASTURTIUM. (*Mad. Guenther's Hybrids.*) For richness and variety of colors, these new hybrids have no equal among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow, either as self colors or spotted and striped. The foliage is mostly dark and contrasts very effectively with the rich colors. Oz. 10c, pkt. 5c.

Pansies.

CULTURE—Pansies grow best and produce the largest flowers in light rich soil, and cool moist weather. Sow the seed thinly in quite shallow drills, as early in the spring as the soil can be dug in fine, loose condition.

When the young plants are well started, thin them out or transplant in fresh beds, setting them eight to ten inches apart each way. The seed might also be sown in boxes in the house in February or even as early as January, and kept very cool after started.

—Many colors in good mixture—Pkt.5c; one-eighth oz.20c.

—**PARK BEDDING VARIETIES.** The plants are of even growth; the flowers are large and well above the foliage; a fine strain for bedding purposes.

Odier, large five spottedPkt. 10c

Peacock, purple and peacock bluePkt. 10c

Meteor yellow spotted with mahogany brown....Pkt. 10c

Striped or Fancy, very finePkt. 10c

Coal Black, jet blackPkt. 10c

Beaconsfield, violet shading to whitePkt. 10c

Pure Yellow, fine for beddingPkt. 10c

Snow Queen, pure whitePkt. 10c

Many colors in splendid mixture, Pkt. 10c, 1-8 oz.....30c

—**BEST GERMAN AND GIANT FRENCH MIXED.** Cold type cannot convey an idea of the indescribable richness, the varied and exquisite coloring, the large size, perfect form and great substance of these lovely flowers. The strain of pansy which we here offer comprises a beautiful collection of colors and markings, and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of blom and elegance of coloring. Many of the flowers are of mammoth proportions, measuring from two to three inches across, variously striped, blotched, veined and marked. The plants are compact and bushy and produce great quantities of flowers borne well above the foliage on strong stems. Pkt., 15c; 1-8 oz., \$1.00.



Nicotiana Affinis.

Nicotiana Affinis. (Sweet scented Tobacco Plant.)

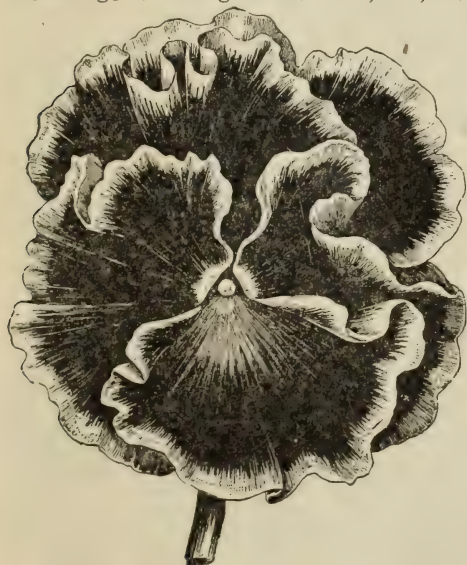
A handsome genus of garden plants of the tobacco family, noted for the freedom and fragrance of theirbloom. Half hardy annuals, three feet high. Flowers white, salver shaped, having long, tubular corollas, and are of exquisite fragrance. Deserves a place in every garden. Pkt., 5c.

—Single Mixed, pkt., 5c; ½ oz., 25c.

—Double Mixed, a very fine strain producing a great many double flowers, pkt., 10c; ¼ oz., 75c.

PORTULACA.

There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of many-hued brilliant-colored Portulaccas. They thrive best in a rather rich, light loam or sandy soil, and an exposed sunny situation.



New Curled Giant Pansy "Masterpiece"

NEW CURLED GIANT PANSY "MASTERPIECE." A remarkable newtype which will, without doubt, be warmly welcomed by the numerous lovers of this beautiful class of plants. This strain comes nearer to "Double Pansy" than anything ever introduced under that name. In reality the number of petals is the same as that of other pansy flowers, but they are crimped and curled in such a fashion that flowers appear double. The flowers are of enormous size, often 3 inches across, and the color variations and combinations are odd and striking. The plants are unusually strong and healthy, holding their large handsome flowers well up above the foliage. Pkt., 15c.



Double Portulacca.

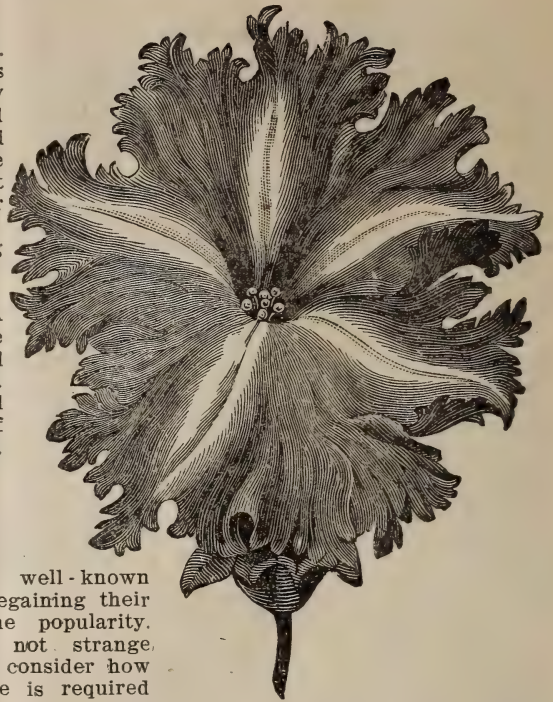
PETUNIAS.

Beautiful free blooming plants of easy cultivation. They commence flowering early and continue a mass of bloom throughout the season. Sow the seed any time in the spring in shallow drills or broad-cast and when well started thin out or transplant to stand one foot apart each way. The seed of the double and giant flowered varieties is so expensive that it would be advisable to sow it in boxes in March or April and transplant later.

—**CHOICE MIXED.** A very fine strain, including many of the large flowering varieties. Pkt., 5c; 1-8 oz., 25c.

—**SINGLE LARGE FLOWERING FRINGED.** A choice selection; the flowers are of very large size and beautiful shape; deep throated, and of varied and brilliant colors, and beautifully fringed. Pkt. 20c.

—**DOUBLE LARGE FLOWERING FRINGED.** Will produce a large percentage of double flowers; of largest fringed varieties in bright colors and tints. Pkt., 25c.



Petunia—Single Large Flowering Fringed.

POPPIES.

These old fashioned flowers are at present

like the well-known Dahlias, regaining their old-time popularity. This is not strange when we consider how little time is required

for their culture. Their brilliant, dazzling colorings and wonderful variety make a very effective display in the garden or for cut-flowers.

—**SHIRLEY, SILK OR GHOST POPPY.** The Shirley Poppy is not new, but the stock we have to offer will be a revelation to all lovers of the beautiful. The plants grow about 2½ ft. high, with large finely shaped flowers, being generally single or semi-double, and running through a great variety of colors, especially strong in shades of terracotta and combinations of this with pink, Pkt., 5c.

—**TULIP POPPY.** Produces large splendid, bright scarlet flowers, strikingly beautiful, reminding one of a dazzling bed of tulips; fourteen inches high.—Pkt., 5c.

—**CARNATION FLOWERED.** Splendid double fringed flowers of various colors. ¼ oz., 15c; pkt., 5c.

—**MIKADO.** The large, double flowers are brilliant scarlet and white, with elegantly curved petals.—Pkt., 5c.



Poppy—Carnation Flowered.

—**ICELAND POPPY.** Hardy perennial; blooming the first year from seed; of graceful, neat habit, with bright green, fern-like foliage. The colors range from purest white to the deepest orange-scarlet. One foot high.—Pkt., 10c.

• Sweet William. •

(**DIANTHUS BARBATUS.**) The seed can be planted very early in the spring and will blossom the following summer, or sown in August will make blooming plants for spring.

—Single Mixed.—Pkt., 5c.

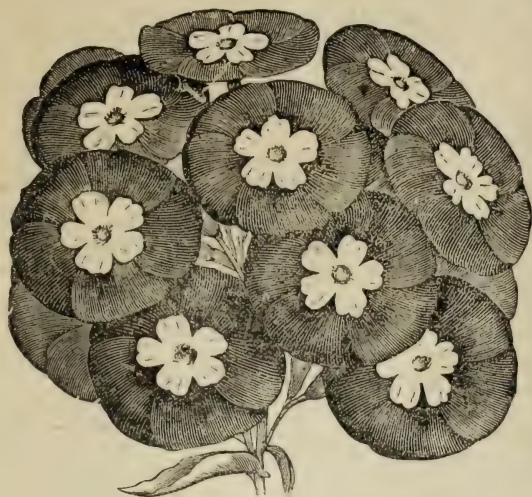
—Double mixed, pkt., 10c.

• Sunflower. •

(**HELIANTHUS.**) Double varieties mixed, from 12 to 15 inches in diameter; globular and extremely double; the most effective of all annual sunflowers.—Pkt., 5c.



Shirley, Silk or Ghost Poppy.



Phlox—Drummondii Grandiflora.



ieties heretofore known the plant grows from 10 to 15 feet high and the leaves measure about 30 inches across. Mixed varieties $\frac{1}{2}$ oz., 20c; pkt., 5c.



New Scarlet Sage—"Clara Bedman."

flower for table bouquets; 1 to 2 ft. Mixed sorts, pkt. 5c.

Phlox.

There is no annual which can be compared for beauty and brilliancy of colors to the Phlox; their long duration in bloom combined with their almost unequalled richness of color, render them of invaluable service. Sow the seed thinly in shallow rows and thin out or transplant the plants when 2 in. high, about 6 in. apart.

—Many colors, mixed, $\frac{1}{4}$ oz., 15c; pkt., 5c.

—Large Flowering Varieties, mixed, $\frac{1}{4}$ oz., 25c; pkt., 10c.

—**STAR OF QUEDLINBURG.** A very striking variety. The growth is dwarf and the habit very compact; the flowers are very distinct and of regular star-like appearance thus producing a most brilliant effect. Many colors, mixed, pkt., 10c.

DWARF PHLOX.

A lovely strain, the plants growing very symmetrical in neat little bushes about six to eight inches high and covered with bright flowers during the whole summer and fall; much superior to the other Phloxes for ribbon bedding or borders. Mixed, pkt., 10c.

—**SNOWBALL.** Flowers pure white, pkt., 10c.

—**FIREBALL.** Glowing, brilliant scarlet, pkt., 10c.

RICINUS. (Castor Bean.) Picturesque foliage plants that rapidly attain gigantic proportions, and are ornamental until destroyed by frost. Many sorts mixed, oz., 20c; pkt., 5c.

—**Cambodgensis.** Large palm-like leaves of brilliant bronzy-red, stalks nearly black. Pkt., 5c.

—**New Zanzibar.** A new and distinct class which surpass in size and beauty all the var-



Ricinus—New Zanzibar.

Salvia. (Flowering Sage.)

Most gorgeous plants, with intensely vivid scarlet flowers; a bed of them surpasses the finest scarlet geraniums in brilliancy and continuous bloom.

—**SPLENDENS.** (Scarlet Sage.) Pkt., 5c.

—**PATENS.** The purest and brightest blue of all flowers. Pkt., 10c.

—**CLARA BEDMAN.** (Bonfire.) This new, large flowering Salvia forms handsome globular bushes about two feet high by two feet in diameter. The spikes grow erect, and stand clear above the foliage, completely covering the plant, and are of almost brilliant dazzling scarlet. Pkt., 10c.

Scabiosa. MOURNING BRIDE.

One of the handsomest summer plants; producing in great profusion very double flowers in a variety of shades and colors. A splendid

Sweet Peas.

A Selection of the Best New Sweet Peas of Recent Introduction.

CULTURE—The seed should be sown as early as the ground can be worked in the spring to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a quantity of well rotted manure. Make a trench 6 inches deep, in this sow the seed 2 inches deep. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effects of deep covering of the seed at first. As the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form, the plants will stop blooming. **REMEMBER**—1st. Sweet Peas do best in compact settled ground. 2nd. Do not loosen the soil around the plants and give only a shallow surface cultivation. 3rd. Plant the seed in a warm sunny spot. 4th. Sweet Peas should not be raised for two successive seasons on the same ground. 5th. Excessive manuring with stable manure in the row immediately before sowing the seed is not desirable.

AMERICA. Heavily striped with bright blood-red on silvery-white ground; large showy flowers. Pkt., 5c; oz., 10c; $\frac{1}{4}$ oz., 20c.

AURORA. Standard and wings beautifully flaked with soft, bright orange salmon on a silvery-white ground. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

BLACK KNIGHT. A deep maroon, the darkest in color of all Sweet Peas. Pkt. 5c; o ., 10c; $\frac{1}{4}$ lb., 25c.

BLANCHE FERRY EXTRA EARLY. A week earlier than the original Blanche Ferry; pink and white. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

COUNTRESS OF CADOGAN. Bright shining violet, wings pure sky-blue; very effective in shade and attractive in form. The flowers are of the largest size. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

GORGEOUS. Bright orange-pink shaded rosy-lilac; flowers of good size; the color is most glowing and effective. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

HER MAJESTY. Large finely hooded flowers of beautiful soft rose, deep and glowing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

HON. F. BOUVERIE. Soft pinkish salmon at base of standard and wings, shading to lighter salmon and buff at the edges; a most charming variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

LADY MARY CURRIE. The brightest colored of all sweet peas; color deep orange-pink, delicately shaded rosy; lilac. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

LADY GRISEL HAMILTON. The best of all lavender sorts; flowers of fine hooded form and extra large size; very light and dainty in effect. Pkt. 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

MAID OF HONOR. Flowers beautifully shaded with light blue on a white ground edged with deep rich violet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

MRS. ECKFORD. A beautiful shade of light primrose-yellow. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

NAVY BLUE. The large flowers are of a rich glowing violet-purple, having the effect of a dark navy blue; an entirely distinct color. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c.

PINK FRIAR. Soft carmine-rose, delicately suffused on a silver-white ground.—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

PRIMA DONNA. Flowers of large size and finest form; color light bluish-pink; one of the most delicate and pleasing kinds. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

PRINCE EDWARD OF YORK. Bright glowing scarlet bordering on salmon; wings a soft deep rose. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

PRINCE OF WALES. Both standards and wings are striped with mauve on a silvery-white ground. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

ROYAL ROSE. A beautiful, large, almost self-colored flower. Color a rich rosy pink. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

SALOPIAN. The best of all the bright reds, both as to color and size of flower. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

STELLA MORSE. Beautiful cream colored with a delicate tinge of pink underneath, altogether producing a true apricot tint. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

SADIE BURPEE. A new white sweet Pea of fine hooded form and good size. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

New Sweet Pea. "Mont Blanc."

EARLIEST WHITE SWEET PEA—This new variety, which originated in Germany some three years ago, is a fit companion to Ex. Ey. Blanche Ferry, but about a week earlier than that variety. The individual flower is very large and of the purest white. The plant itself is of neat, graceful, almost pyramidal growth. Highly recommended for early flowering. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

OUR BEST MIXTURE—This mixture has been made up by ourselves in a most carefully arranged proportion of colors, including the cream of the standard sorts as well as the most recent novelties, and we can safely say it contains not "Only the Best," but "All The Best." Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

—CHOICE MIXED. Harvested in mixture. Large Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c.

Double Sweet Peas. There is yet no strain of Sweet Peas, much less any variety, that has a fixed habit of doubling, and the result by hybridization to change the habit of the Sweet Peas, at best is really semi-double flowers.



New Emperor Salpiglossis.

Ease of culture is the first quality that commends the Salpiglossis to all amateur gardeners. It thrives in any good garden soil and in almost any situation, though like other flowers it responds readily to good treatment. The New Emperor strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and more than all else in their singularly beautiful veinings of gold. These are the only flowers, to our knowledge, that show a glint of gold in their coloring. Pkt, 5c.

THUNBERGIA (Black-Eyed Susan.) Four feet beautiful climbers for hanging baskets and lawn vases; flowers trumpet-shaped, mixed colors. Pkt., 5c.

Verbenas.

Plants grown from the seed are not only cheaper but are strong and vigorous in growth, with rich dark green foliage, and continue in bloom until cut off by heavy frosts. Sow seed early in cold frame or shallow boxes of light, sandy soil, in a sunny window; or it may be sown thinly in shallow drills in open ground. When the young plants are well started they should be thinned or transplanted to stand 12 in. apart in the row.

—**HYBRIDA.** Fine Mixed—A very good strain. Pkt., 5c; $\frac{1}{4}$ oz., 30c.

—**NEW MAMMOTH VERBENAS**—Of unusual size, embracing a wide range of colors. Pkt., 10c; 1-8 oz., 40c.

Zinnias;

A very showy plant, with large, double, imbricated flowers, which might easily be mistaken for dwarf Dahlies. Sow the seed thinly in drills early in the spring, transplanting the young plants when 2 or 3 in. high to stand from 1½ to 2 ft. apart; or 2 or 3 seeds may be planted in a slightly raised hill.

—**GIANT FLOWERED DOUBLE MIXED.** This is a mixture of the largest Zinnias yet obtained; including the curled and crested varieties, with its most fantastic and graceful forms, as well as the Mammoth Zebra strains; with its curious markings.—Pkt., 5c.

Linca,

They flower from seed, if sown early the first season, continuing until frost; or they may be potted and kept in bloom through the winter.

—**ROSEA.** Rose, dark-eyed; pkt., 10c.

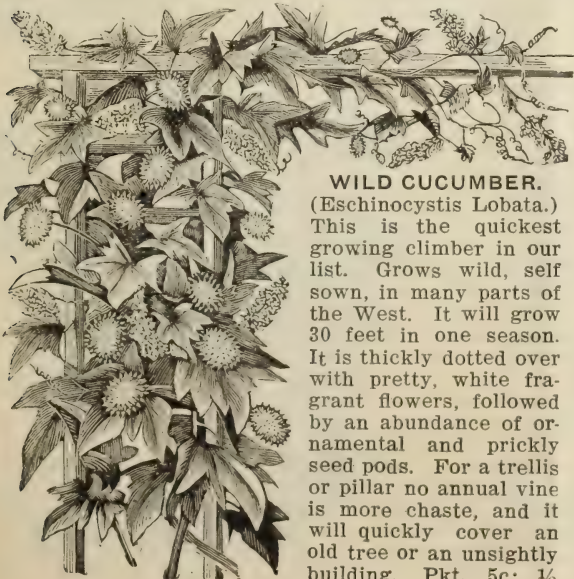
—**ALBA PURA.** Pure white, pkt., 10c.

Sweet Violets,

Sow the seed in May, and when in flower in August or September, transplant in well enriched beds; soon after the snow is off in the following spring they begin to bloom out and throughout the spring will give a profusion of flowers.—Finest, mixed, pkt., 5c.

STOCKS (Gilly Flowers.) The Ten Weeks Stocks are generally cultivated and bloom from 10 to 12 weeks after being sown; they grow from six to 8 inches high bearing an immense quantity of bloom of delightful fragrance. Mixed, pkt., 10c.

GLOXINIA. New Giant Flowered Hybrids. We know of no bulbous plants that will give such universal satisfaction as the Gloxinia. They are of unrivaled beauty, the soft velvety leaves being surmounted with a cluster of large, lovely trumpet-shaped flowers of exquisite coloring. They are of the easiest culture and bloom continuously for months. Plant the bulbs in a five-inch pot in good rich light soil, and give a partially shady situation. Mixed colors, each 10c; 3 for 25c.—Seed, pkt., 10c.



WILD CUCUMBER.

(*Eschinocystis lobata*.) This is the quickest growing climber in our list. Grows wild, self sown, in many parts of the West. It will grow 30 feet in one season. It is thickly dotted over with pretty, white fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building. Pkt., 5c; $\frac{1}{2}$ oz., 15c.



Zinnias—Giant Flowered Double.



Gloxinia

Bulbs and Plants.



Gladiolus.

—**RUBRUM.** Rose and white spotted with crimson; very beautiful free-blooming and distinct variety; 20c each; postpaid, 25c.

—**TIGRINUM fl. pl.** (Double Tiger Lily.) Very hardy and free-blooming, with beautiful orange flowers, spotted with black; 15c each; postpaid, 20c.

MADEIRA VINE.

Tuberous rooted climber with glossy green leaves, and delightfully fragrant, white blossoms; of very rapid growth, and from new tubers vines will be produced sufficient to cover one side of a cottage in a single season; 2 for 5c; doz. 30c; postpaid, doz., 35c.

SINGLE TUBEROUS BEGONIAS.

The Tuberous Rooted Begonias are among the most beautiful and desirable of all bulbous plants. For bedding in quantity, and when planted in partial shade and protected from severe storms will give great satisfaction. Single mixed, all colors, 7c each; 4 for 25c; dozen, 70c, postpaid.

Gladiolus in Colors.

If to go by mail, add 5c per dozen.

These mixtures will be found to contain flowers equal to finest named kinds and a great range of shades, colors and markings. In assorted dozens you may rely on nearly every bulb to produce a different flower. The Scarlets produce many shades of red and variations. This is also the case with the Whites, which vary to light pink and lemon-tinted. Our mixtures contain all full-sized bulbs only; not bubblets. Plant in April and May about 3 inches deep; in the fall the bulbs may be taken up and stored in a dry, cool place.

| | Each | Doz | 100 |
|------------------------------|------|-----|--------|
| Reds of various shades..... | 4c | 25c | \$1.50 |
| Light and White | 5c | 40c | 2.50 |
| Pink of various shades | 5c | 40c | 2.25 |
| Striped and variegated | 5c | 40c | 2.25 |
| Yellow Shades | 5c | 45c | 3.00 |
| Mixed, all colors | 4c | 25c | 1.50 |

CENTURY VINE. Also called "Mexican Morning Glory." A wonderful quick grower, quite frequently making as much as thirty-five feet of vine in one season. It is very easily grown, and produces large size blossoms of rosy crimson color, shaded violet or blue, which in a shaded situation remain open all day. Not hardy, but the roots can be taken up in the fall and kept over winter like a dahlia. Undoubtedly one of the quickest and easiest climbers grown, with beautiful foliage, and a mass of handsome blooms, mammoth roots, each 50c cets postpa some blooms, mammoth roots, each 50c; postpaid. First size roots, each 30c postpaid.

LILIES.

—**ALBUM SPECIOSUM.** Pure white, with petals reflexed and slightly tinted pink at the tips; perfectly hardy and altogether one of the finest; 20c each; postpaid, 25c.

—**AURATUM.** (Gold-Banded Lily of Japan.) Decidedly the most beautiful of all lilies; the immense white flowers, with crimson spots and golden bands through the center of each petal, are produced in the greatest profusion, and are deliciously fragrant; 20c, each; postpaid, 25c.



Single Tuberous Begonias.



New Giant Canna "Italia."

***BURBANK.** The gigantic flowers are of a pure canary yellow, with but a few traces of small reddish brown spots in the center of the two inside petals.

***QUEEN CHARLOTTE.** Three and one-half ft. crimson scarlet, with wide gold border on every petal, broad green leaves; a perpetual bloomer and by many considered the finest of its class.

***ALPHONSE BOUVIER.** Six feet—bright crimson flowers of very large size. Green foliage; a very luxuriant grower.

***FLORENCE VAUGHAN.** 4½ feet—color brilliant yellow, spotted with bright red; conceded by all to be the finest yellow-spotted Canna.

CHARLES HENDERSON. 3½ feet—color bright crimson, center of the flower marked with golden pencillings.

***MADAM CROZY.** 4 feet—flowers a dazzling crimson scarlet, bordered with golden yellow; the plant is of vigorous growth, yet dwarf in habit.

***PAUL MARQUANT.** 4 feet—a vigorous grower, foliage a deep green, strong flower spike; large flowers of a deep salmon color, smoothly shaded orange, a profuse bloomer and an excellent grower.

***EGANDALE.** 4 feet—a most excellent variety with bronze foliage and soft currant-red flowers which are thrown well above the foliage, the finest bedding Canna of its color.

***CHICAGO.** 4 feet—best vermillion scarlet to date; green foliage, flower truss and stalk stand boldly erect; an exceedingly free bloomer and strong grower, a very showy variety.

***STELLA KANST.** 5 feet—green foliage, flowers apricot; fine for massing.

PRESIDENT CARNOT. 5 feet—dark foliage, flowers deep scarlet.

HYACINTHUS CANDICANS.

A fine bulbous plant producing in July and August a flower stem 3 to 4 feet high, covered with from 20 to 30 pure white pendant, bell-shaped flowers. It is hardy in most sections of the country; but north of this it would be better to protect it with leaves or long manure. 10c each; two for 15c.

CINNAMON VINE.

A very pretty vine to train around the window or on a veranda. Perfectly hardy; dies down every autumn, but grows up again in the spring. The leaves are heart shaped, bright glossy green, flowers white, height 15 to 16 feet. Roots, 8c each; three for 20c; doz., 75c; postpaid.

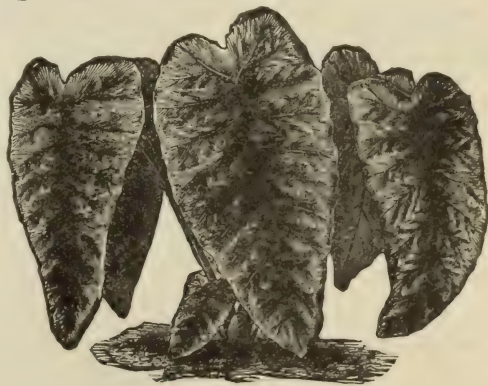
Cannas.

Varieties marked with a * we can furnish in roots and plants, the rest in plants only.

Price: Large dry roots, 2 for 15 cts; doz. 75 cts; (postpaid each, 10c, doz. \$1.) Growing plants, 2 for 25 cts; doz., \$1.; (postpaid each, 15 cts; doz., \$1.50.)

***ITALIA.** Remarkable for its sturdy rank growth, forming massive clumps, 6 to 7 feet high, covered from the ground up with large, deep green Musa-like foliage. The flowers set well above foliage, are of a bright orange-scarlet with a very broad golden yellow border, the petals are very broad, with slightly reflexed edges, hence the close resemblance of the flowers to some of the orchid family.

ALEMANNIA. Six feet, green foliage. The Giant of all Cannas. Produces the largest flowers which have been obtained from any Canna. The outer petals are scarlet with a very broad, golden-yellow border. The inside of the bloom is scarlet and dark red. Exceedingly beautiful.



Caladium Esculentum.

CALADIUM ESCULENTUM. (Elephant's Ear.) One of the most effective plants in cultivation for the flower border or for planting out upon the lawn; its large handsome leaves often growing three feet long and twenty inches wide. It will grow in any good garden soil, and is of easiest culture. Before planting, dig up the bed rather deep, and put in plenty of fresh warm manure. Each, 25c; extra large bulbs, 40c; postpaid.

Dahlias.

CACTUS AND DECORATIVE DAHLIAS. Cactus Dahlias are rather loosely built, but perfectly double, somewhat like a Japanese Chrysanthemum, having a very artistic appearance. The petals are more or less twisted and reflexed at the points.



New Dahlia—Penelope.

PENELOPE. White, flaked lavender. This is the most beautiful and chaste; of perfect form, always full to the center; a profuse bloomer, on long stems. Always attracts attention anywhere. Field grown roots, each 25c, not prepaid.

QUEEN OF YELLOWS. A beautiful, clear yellow.

FERN LEAVED BEAUTY. A beautiful fern-leaved variety; white, striped deep crimson.

ELEGANS. Rosy purple, tipped and banded white; quilled petals.

WHITE SWAN. Pure white; on long stems, strong, vigorous grower.

A. D. LIVONI. Beautiful soft pink, with quilled petals, and full to the center; an early and profuse bloomer.

CACTUS DAHLIAS.

LORELEY. This handsome variety was awarded a silver medal at the Hamburg International Horticultural Exposition. The outer petals are of a soft "La France" pink, gradually shading lighter towards the center, which is a creamy white. Field grown roots 25c each, not prepaid.

HARRY FREEMAN. Large; free; pure white.

PRICES FOR THE ABOVE VARIETIES EXCEPT WHERE GIVEN: Strong Field Grown Roots, each, 20c; not prepaid.



A Group of Cactus Dahlia.

CLIFFORD W. BRUTON. The best yellow; of immense size, perfect form and of the finest canary yellow.

ADMIRAL DEWEY. Brilliant imperial purple. Of fine form; a strong grower, and by far the best of its class.

GLORIOSA. Medium to large size, with long, narrow twisted petals; deep, bright, red, shaded scarlet.

MATCHLESS. Rich, deep, velvety, maroon with long, pointed petals and flowers thrown well above the foliage.



Fern Leaved Beauty.

Amaryllis.

A. EQUESTRE. The flowers open out very flat and are nodding, instead of being in the form of most *Amaryllis*. They are five or more inches across; bright, sparkling, orange red, with a most beautiful green and white star in the center. East, 15c; prepaid, 20c.

A. BELLADONNA MAJOR. A noble flower from the Cape of Good Hope. The flowers appear in the fall and are a most beautiful satiny rose imaginable, and of exquisite fragrance. They are produced in umbles of six to twelve flowers in a cluster. Large bulbs, each, 20c; prepaid, 25c.

A. JOHNSONI. The flowers of this magnificent variety are large and of fine crimson color, striped with white. Large bulbs, each, 30c; prepaid, 40c.

Tuberose.

The Tuberose is a justly universal favorite, and grown so easily that every garden should have a plentiful supply. Outside planting should not be done before April.

EXCELSIOR PEARL. Very sturdy and dwarf in habit; flower large and double. Each 5c; doz., 35c; by mail, 40c.

Summer Flowering Oxalis.

These useful little plants are very effective in masses or beds and are particularly valuable for edgings. They produce an unbroken row of foliage and showy flowers. Mixed, per doz., 10c; 100 for 50c.



Amaryllis Johnsoni.

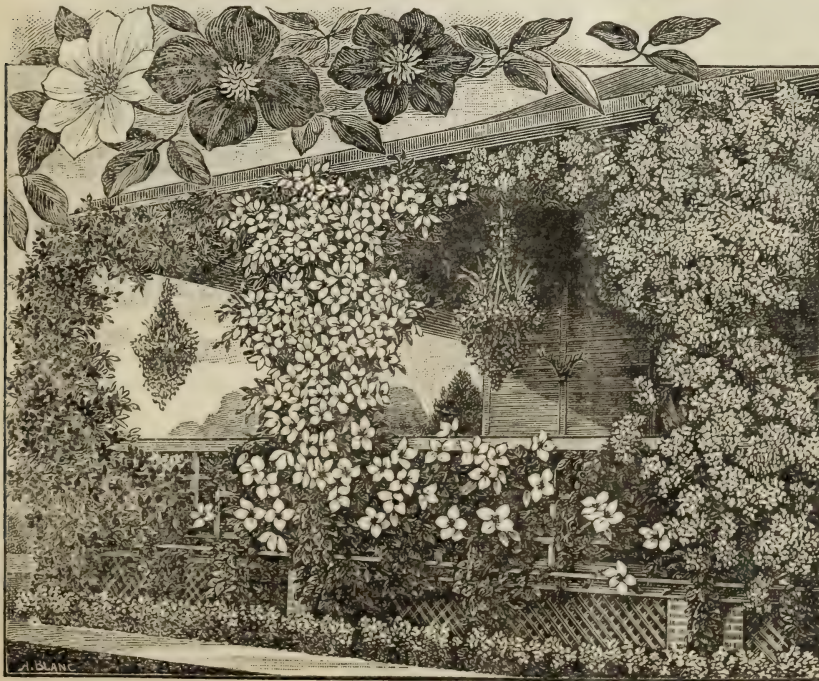
Clematis.

For house fronts or pillar vines, nothing can surpass the *Clematis* in grandeur and beauty.

The roots are perfectly hardy although the tops die down to the ground every fall. In planting the roots the ground should be dug very deep.

—**JACKMANNI.** Probably the most beautiful climber in cultivation, with rich deep, velvety purple flowers; a very strong and healthy grower. Three year old roots, each 75c; postpaid, 90c.

HENRYI. A strong grower; flowers from four to five inches in diameter and pure white; very hardy. Three year old roots, each, 65c; postpaid, 80c.



Clematis Jackmanni.

Clematis Henryi.

Clematis Paniculata.

—**SPANICULATA** This is a valuable Japanese introduction, one of the finest additions to our list of hardy climbers; a very strong, vigorous plant, and as easily grown as the common Honeysuckle. Each, 35c; postpaid, 40c.

Hardy Perennial Plants.

"These are planted once and they are always there."

ACQUILEGIAS (Columbine.) A beautiful plant for the border or rockery; flowers often three inches in diameter; height of plant two feet. Large field clumps, each, 20c.

CAMPANULA GRASSEKII. One of the prettiest of the Canterbury Bells, dark blue flowers; height two feet. Each 20c.

***CHRYSANTHEMUM MAXIMUM.** Flowers three to four inches across, pure white with yellow centers. Ea. 15c.

***COREOPSIS LANCEOLATA.** Flowers bright golden-yellow, blooming from June until frost; height 1½ ft. Each, 15c.

DELPHINIUM FORMOSUM (Larkspur.) The best known of all the Larkspurs, blooming in long trusses of deep blue flowers with white eye. Nothing is more attractive than the large beds of this seen in many old gardens throughout the country. Each, 20c.

***DIANTHUS BARBATUS** (Sweet William.) Blooms most all summer. Strong clumps, each, 15c.

DIELYTRA SPECTABILIS (Bleeding Heart.) Graceful sprays of heart-shaped, pink and white flowers, blooming in May and June. Each, 20c.

HELIANTHUS MULTIFLORUS PLENUS. Dahlia Sun-flower.) This class of hardy Perennials should be planted by every one, a few well established plants will furnish flowers continually from early summer until late in the autumn. Flowers, large double yellow; height four to five ft. Each, 15c.

Hibiscus.

CRIMSON EYE. One of the most showy in all the long list of hardy plants; the flowers are of immense size, often measuring twenty inches in circumference; will grow anywhere in ordinary rich soil. Each, 15c.



Hardy Phlox.



Hollyhock.

HOLLYHOCKS. An old-fashioned plant coming into general use again. For planting in masses, by itself, or as a back-ground, the Hollyhock plant cannot be dispensed with. Each, 15c; 3 for 40c.

PAEONIES. Still the grand old favorite they were fifty years ago, rivaling the rose in perfection of bloom and coloring. We can offer the following colors: White, Pink and Red. Each, 25c.

PHLOX. These we consider the most desirable of hardy perennials. They thrive in any ordinary rich soil, and the ease with which they are cultivated, their entire hardiness, and the extended season of blooming, make them particularly valuable for garden planting. To prolong the season of blooming, the flowers should be cut off when they commence to wilt down. Field grown clumps in separate colors, White, Pink, Light Blue and many others in two or more colors, each, 15c.

PINKS. (Hardy Garden or May.) Valuable dwarf hardy plants, that will grow anywhere, and increase in beauty every year. Field grown clumps, each, 15c; 12 for \$1.50.

RUDBECKIA (Golden Glow.) Decidedly one of the brightest and most showy among the hardy plants. It grows five to seven feet tall with broad heads of yellow flowers, two and three inches in diameter; increases in beauty every year. Strong field roots, each, 25c.

Hardy Climbing Plants.

AMPELOPSIS VEITCHII (Boston Ivy.) One of the finest climbers for covering walls, as it clings firmly to the smoothest surface, covering it smoothly with overlapping foliage. Large plants, (2 feet), each, 25c.

—QUINQUEFOLIA (Virginia Creeper.) A native vine with handsome foliage turning to bright crimson in the Fall. Each, 15c.

Hardy Ornamental Shrubs

ALL SHRUBS OFFERED BELOW ARE TWO AND MORE YEARS OLD, TRANSPLANTED AND RANGE FROM 2 TO 3½ FEET HIGH.

ALTHEA. (Rose of Sharon.) Produces its large Camellia-like flowers from mid-summer until frost when few other shrubs are in bloom. Double White, each, 45c; double Pink, 45c.

ALMONDS. Very desirable for early flowering shrubs. White and Rose, each, 45c.

CALYCANTHUS. (Strawberry Shrub.) A handsome shrub; flowers purple with an exquisite strawberry fragrance. Each, 45c.

DEUTZIA. Early spring flowering shrub with long, graceful spikes of white flowers from every bud or eye; handsome lawn shrub.

—Pride of Rochester, large white flowers. Each, 40c.

—Crenata fl. pl. (Double Flowering Deutzia.) Flowers white, tinged with pink. Each, 40c.

PHILADELPHUS. (Mock Orange.)

Vigorous growing shrubs with fine pure white flowers and bright handsome foliage.

—Coronarius, sweet scented, white flowers. Blooms last of May. Each, 40c.

—Lemoinei Erecta. Flowers creamy white, very fragrant, and produced from the ground to tips of branches.—Each, 45c.

PRUNUS PISSARDI. (Purple Leaved Plum.)

One of the finest purple leaved shrubs; the young branches are a very dark purple. Large plants 4 to 5 ft.—Each, 50c.

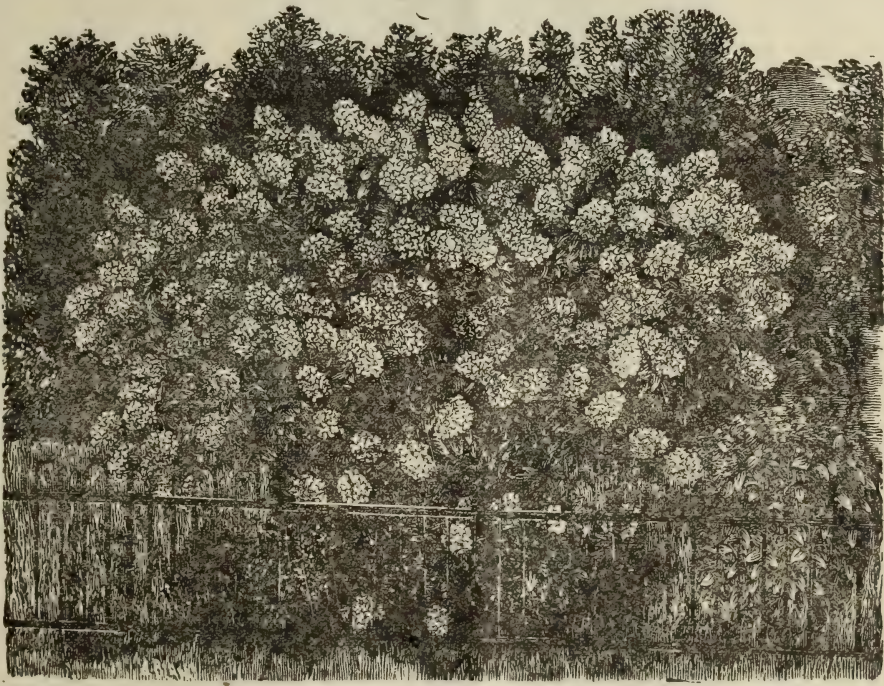
VIBURNUM STERILIS. (Common Snowball.)

Well known to everyone.—Each, 30c.

WEIGELIA. Beautiful shrubs that bloom in June and July; very desirable for the border or for grouping.

—Rosea, rose colored flowers.—Each, 40c.

—Candida, flowers pure white; one of the most free blooming of all Weigelias.—Each, 40c.



Hydrangea Paniculata Grandiflora.

HYDRANGEA PANICULATA GRANDIFLORA.

(See Cut.)

Without question one of the most popular and grandest shrub that can be had. Blooms profusely from July until frost, in immense white panicles, often measuring 10 to 12 inches, gradually changing to rose color. The plant should be cut back each spring fully one-half of the past season's growth, as the flowers are much finer if the plant is treated in this manner. Large plants; each, 50c.

LILACS. These are too well known to need description.

—White. Each, 35c.

—Purple. Each, 35c.

—Purple Persian. Each, 40c.

SPIRAEAS.

—Van Houttei. One of the most beautiful of all shrubs; pure snow-white flowers, borne in elegant plume-shaped clusters. Large plants.—Each, 40c.

—Prunifolia. (Bridal Wreath.) Equally pretty like above; blooms in May, with pure white double flowers.—Each, 40c.

—Anthony Waterer. A dwarf bush about two feet high, covered from spring to late in the fall with large heads of crimson flowers; grand for border to taller growing shrubs. Fine plants.—Each, 40c.

FORSYTHIA. (Golden Bell.)

—Viridissima, Foliage dark green; flowers bright yellow. The earliest to flower in spring. Each, 40c.



Roses,



CRIMSON RAMBLER. This wonderful Rose is the most remarkable and unlooked for novelty in hardy Roses introduced in many years. It begins to flower about the middle of June, and remains in flower longer than any other hardy out-door rose. It blooms in large clusters, with from 50 to 100 in a cluster, covering the vine its entire length with a solid mass of the most beautiful and perfectly shaped miniature crimson blossoms. Any description would fail to give an adequate idea of its beauty. When pegged down or grown as a bush it is equally desirable, producing in marvelous profusion innumerable trusses of flowers, pyramidal in form, and in color a rich glowing crimson—an effect so strikingly beautiful as to baffle description. When in full bloom it is a vivid crimson mass of beauty. In Japan, where it originated, Crimson Rambler is known as the "Cherry Rose," so bright are its flowers. Grown as a pot plant on a trellis it is extremely valuable. No yard or garden in the land should be without Crimson Rambler. Crimson Rambler is perfectly hardy and is also a strong, robust grower, making it suitable for all purposes where a rose can be grown.

PRICE: Large, 2 year old, dormant plants, by express (this is the best size to give good satisfaction, and we shall not offer pot plants), each, 35c; 3 for \$1.00; not prepaid. We guarantee these plants.

Hybrid Perpetuals.

A collection of the most free flowering and strongest growing varieties.

CULTURE: If you want to have your rose bushes live, set the plants in strong heavy soil (common clay soil is very good) well mixed with manure. When planting, care should be taken to set plants deeply, planting them at least two inches above the first joints or branches and pounding the soil firmly around the roots. Cut the plants back to 6, 8 or 10 inches and keep the dead wood removed.

PRICE: Strong, 2 year old field grown plants, only 25c each, not prepaid.

ANNA DE DIESBACH. Bright rose color, very large and showy, particularly firm in bud; a vigorous grower and persistent bloomer.

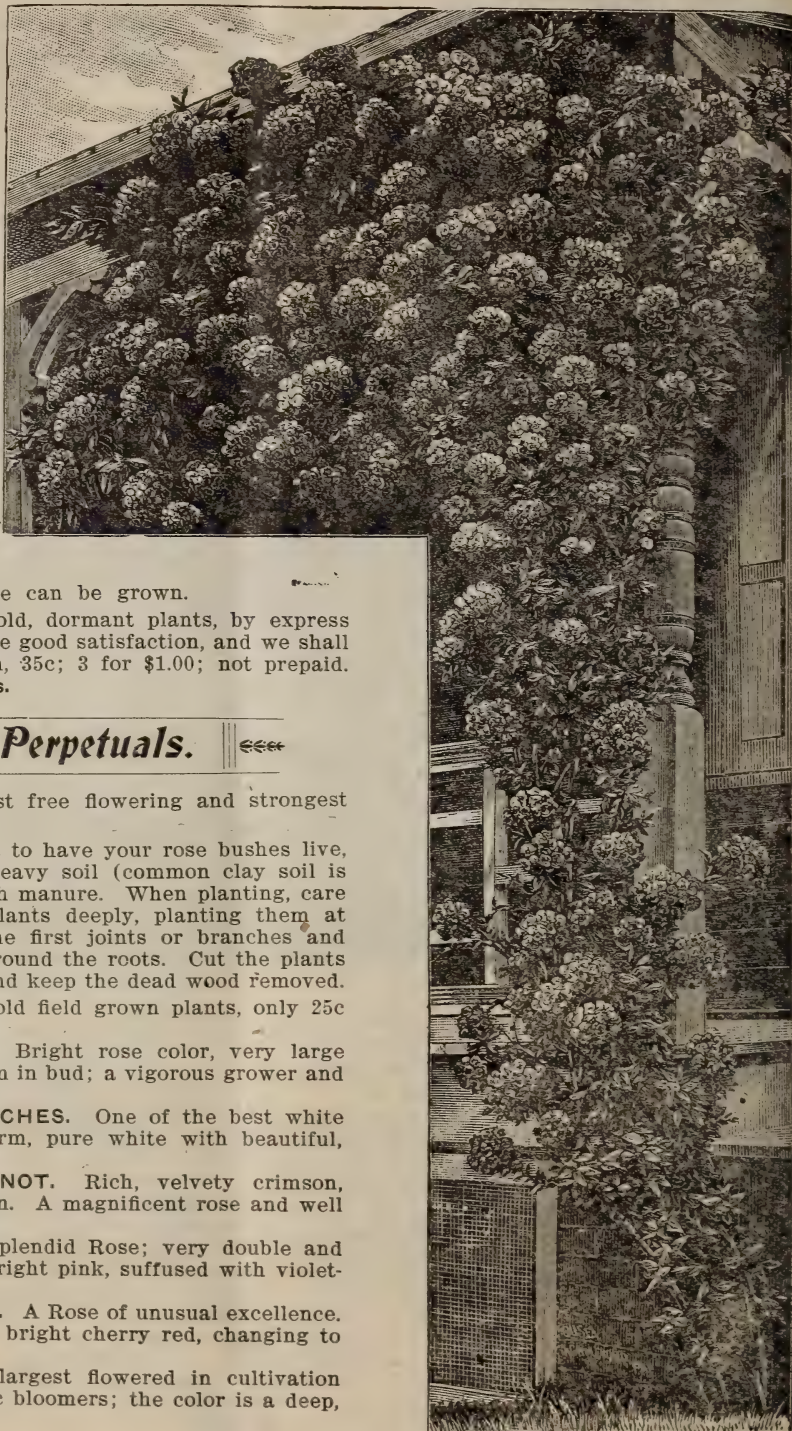
COQUETTE DES BLANCHES. One of the best white roses of its class; fine form, pure white with beautiful, shell-shaped petals.

GENERAL JACQUEMINOT. Rich, velvety crimson, changing to scarlet crimson. A magnificent rose and well known.

MAGNA CHARTA. A splendid Rose; very double and sweet. Color a beautiful bright pink, suffused with violet-crimson.

MARSHALL P. WILDER. A Rose of unusual excellence. Flowers are large; color a bright cherry red, changing to crimson.

PAUL NEYRON. The largest flowered in cultivation and one of the most prolific bloomers; the color is a deep, shining pink.



Crimson Rambler.

*Bridesmaid.*

Collection of Everblooming Roses.

Each—10c; per doz. \$1.00. (All in 2½ pots.)

BRIDE. Most popular pure white rose.

BRIDESMAID. A delightful shade of bright pink; the most popular pink Tea Rose.

BON SILENE. Deep rose, shaded carmine, very fragrant.

CLOTILDE SOUPERT. The most famous pot and bedding rose; its charming color, pearly white to purest rose and delightful fragrance make it a most beautiful rose.

CHAS. LEGRADY. A very beautiful red.

ETOILE DE LYON. One of the most beautiful yellow tea rose for general planting; very hardy.

FRANCISKA KRUGER. Unlike any other rose; a beautiful coppery yellow with large flowers.

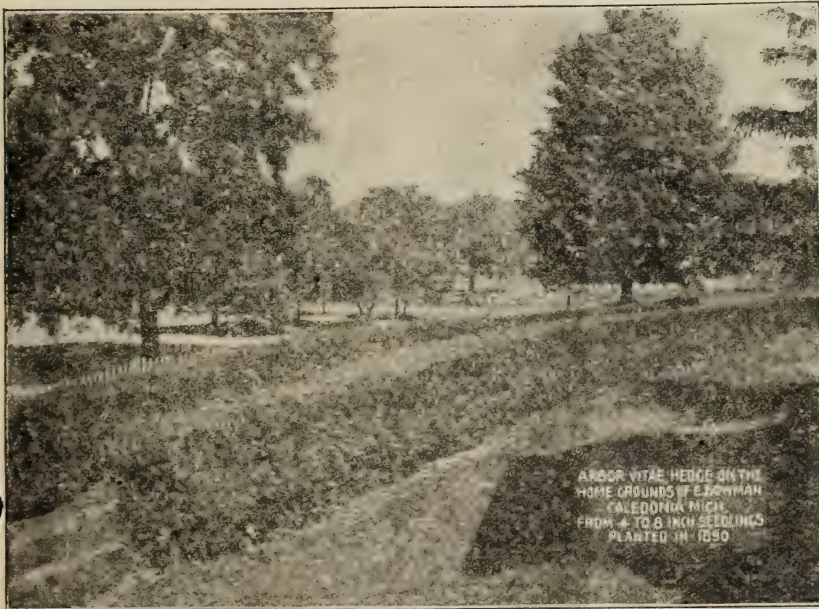
GOLDEN GATE. A beautiful free blooming and healthy Tea Rose. The flowers are creamy white, delicately tinged with golden yellow.

HERMOSA. Always in bloom and always beautiful; the color is a most pleasing shade of pink.

KAISERIN AUGUSTA VICTORIA. Color soft pearly white, fragrant; succeeds splendidly out of doors.

MAMAN COCHET. One of the very best Tea Roses for out-door blooming; deep rosy pink, the inner side of petals silvery rose.

YELLOW SOUPERT MOSELLA. A splendid pot and bedding rose; the color is a white tint on beautiful light yellow ground.



Photographic View of Evergreen Hedge

(Arbor Vitae.)

You can have a hedge 200 feet long, and as nice as this one at a total cost of \$2.00 to \$2.50.

200'—1 to 1½ foot trees, delivered anywhere for only \$2.50. Or 200 ¾ to 1 foot trees, delivered anywhere for only \$2.

They are worth a great deal more, but we desire to get them introduced everywhere, and therefore make this remarkable offer. For far away points we recommend the smaller size.

An illustrated pamphlet of Planting Instructions will be sent free to every one who accepts this special offer. This little pamphlet will be of great value to many heretofore unsuccessful planters, and by following the instruction given there need be no failures.

Prices except where
quoted will be given
on application.

Miscellaneous Farm Seeds.

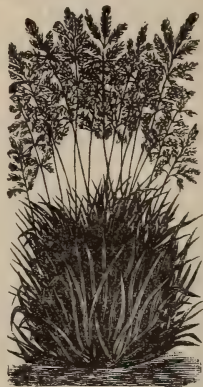
Write for Market Prices on Grass and Field Seeds.

ALFALFA OR LUCERNE CLOVER. The demand for this great forage plant has increased wonderfully throughout all the Southern and Western states.

To get the best satisfactory results, great care must be taken to have a good stand. To do this, have the land heavily surface-manured and then plow deep and harrow afterwards. Then sow the seed either broadcast or in drills, twelve inches apart, at the rate of 20 to 25 lbs. to the acre. If sown late in April, the first blossoms will show about the 10th of July, and a few days thereafter, the foliage of the young Alfalfa, not over 6 inches high, will turn yellow. This is a sign the first crop must be harvested and removed. Sowing can also be done in late summer, but in our locality it is not advisable to sow later than first part of September. In reference to the seed being sown by itself or with other grains, a majority of growers suggest sowing the seed by itself. Alfalfa thrives best on a sandy loam, the richer the better, while it has not proved a success on heavy, compact, clay soil.



Orchard Grass.



*Kentucky
Blue Grass.*

But let nobody make an experiment with Alfalfa and hope to avoid failure, unless he is willing to give as much labor to it the first year in the way of weeding and hoeing, as to an onion patch. For the first few weeks, Alfalfa is a delicate plant and is easily overgrown and smothered; after the first year, it resists the adverse influences of heat and drought and the invasion of grass and weeds. (Bu. 60 lbs.)

BERMUDA GRASS. Largely grown in the South, with an average yield of about four tons per acre. It is a tender, delicate grass, growing over and binding the most arid and loose land. Grows luxuriantly in any soil; very valuable for pasture and excellent for saving hill sides which are liable to wash. The seed is very difficult to obtain. Time of sowing, April to June. Per lb., \$1.50.

KENTUCKY BLUE GRASS. (*Poa Pratensis*.) Also known as June and Meadow Grass. (bu. 14 lbs.) Extra cleaned, 1 lb., 15c; prepaid, 25c. Fancy cleaned, 1 lb., 20c; prepaid, 30c.

ORCHARD GRASS. (*Dactylis Glomerata*.) Adapted for sowing under trees in orchards, and excellent for haying and grazing. 2½ feet high. 2 bushels to the acre. (Bu. 14 lbs.)

TIMOTHY. (*Phleum Pratense*.) The best for hay. (bu. 45 lbs.) Sow ¼ bu. to the acre.

ENGLISH BLUE GRASS OR MEADOW FESCUE. (*Festuca Pratensis*.) Will stand more freezing than most other varieties. 2 to 3 feet high. (bu. 24 lbs.)

GERMAN OR GOLDEN MILLET. Height 3 to 5 feet, large spikey heads, ¾ bushel to the acre. (Bu. 50 lbs.)

COMMON MILLET. Good hay, 2½ to 4 feet high. Sow ¾ bushel to the acre. (Bu. 50 lbs.)

ALSIKE OR SWEDISH CLOVER. (*Trifolium Hybridum*.) Almost equal in nutritive value to the Red or Pea Vine Clover; perennial. (60 lbs. bushel.)

RED CLOVER MEDIUM. (*Trifolium Pratense*.) Market price. (Bu. 60 lbs.)

WHITE CLOVER. (*Trifolium Repens*.) Should be introduced in all mixtures, for permanent pastures. Fancy cleaned for lawn purposes, 30c lb. (Bu. 60 lbs.)



Dwarf Essex Rape.

DWARF ESSEX RAPE. Dwarf Essex Rape is considered indispensable by the sheep and cattle farmers of Great Britain, and is fast coming into use in this country; it is easily grown, and perfectly hardy and possesses remarkable fattening properties. One acre will pasture thirty-six head for two months. It grows to a height of three feet. In northern states it can be sown at any time from May until the end of August, but in the Southern states it should not be sown until September or October for winter pasture. Any corn soil will grow rape, and it does well sown with oats. Rape is especially adapted for a catch crop, succeeding well when for any cause crops have failed, as it makes its growth late in the season, can be sown on stubble, and will furnish excellent pasturage when much needed in the fall. If sown in drills or rows two feet apart, use at the rate of four to five lbs. per acre, and when sown broadcast, use 10 lbs. to the acre. 1 lb., 25c, postpaid. Write for prices on larger quantities.

COW PEAS.

A highly valuable fodder and fertilizing crop. The pods may be harvested for the grain and the plants plowed under to fertilize the soil. The stalk and leaves also make excellent fodder, fed green. Do not sow until the soil has become thoroughly warm.—Market price.

SOJA BEANS.

This valuable forage plant is one of the most nutritious of all vegetable products. For pasturing or feeding as green fodder it is very valuable and nearly equal to clover for fertilizing. Sow one half bushel per acre broadcast or one gallon in drills $3\frac{1}{2}$ feet apart and $1\frac{1}{2}$ feet between the plants.—Market price.

KAFFIR CORN. Write for Market Prices on all Field Seeds.

It grows from four to five feet high, making a straight upright growth. It has a stalky stem with numerous wide leaves. The stalks keep green and are brittle and juicy, not hardening like other varieties of sorghum, making excellent fodder, either green or dried, which is highly relished by cattle, horses and mules. For the grain, sow in rows three feet apart, three to five lbs. to the acre; for the fodder sow $\frac{1}{2}$ bu. to the acre, either broadcast or drills. Per lb., 5c; (bu., 50 lbs.) market price.

SUGAR CANE.

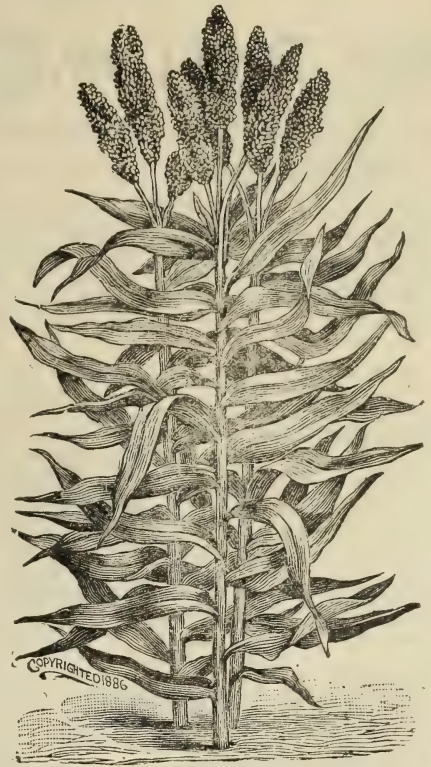
EARLY AMBER. A variety of sugar cane which has been largely tested for fodder as well as for sugar-making; 10 to 12 feet high. Per lb., 5c; (bu. 50 lbs., market price.)

EARLY ORANGE. A well known variety, well adapted to the South and West. It is from 8 to 10 days later than Early Amber. Per lb., 5c. Bu. 50 lb.) Market price.

BUCKWHEAT.

NEW JAPANESE. The most productive and the most profitable variety to raise. It will yield fully twice as much on the same ground as any other, and ripens a week or ten days earlier. (Bu. 50 lb.) lb. 5c.

COMMON. The variety usually sown for bees. (Bu. 50 lbs.), lb., 5c.

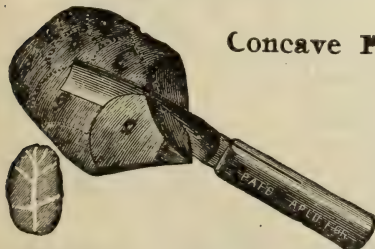
*Kaffir Corn.*

NOTE—Prices are subject to variation without notice.

TERMS—Cash with order.

POTATOES

We commence shipping as soon as danger of frost is over, but will ship when requested at any time when customers wish to take their own risk.

**Concave Potato-Knife.**

Very useful for cutting the eyes out of potatoes, without cracking the tubers or injuring the germs. Endorsed by

potato planters 30c each, prepaid; 6 for \$1.50.

BEAUTY OF HEBRON. One of the best early sorts; a good cropper, matures a week earlier than the Early Rose, skin slightly colored, with pure white flesh. Per pk., 40c; per bu., \$1.50.

RURAL NEW YORKER. The best intermediate and main crop potato; very large and unusually smooth with a few and shallow eyes, oblong, inclining to round, skin and flesh white. Per pk., 40c; per bu., \$1.50.

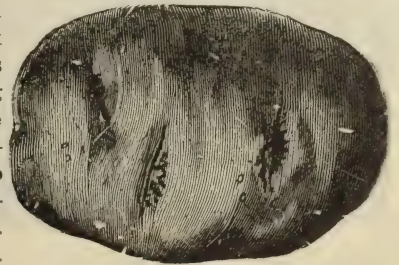
BURBANK'S. One of the most prolific of the late sorts, and a standard variety. It somewhat resembles the White Elephant, but it is a little smaller and more even. Pk., 40c; bu., \$1.50.

PEERLESS. Somewhat oblong in shape, very uniform and handsome; flesh pure and white, very mealy whether baked or boiled. Medium in season, a good keeper. Per pk., 40c; per bu., \$1.50.

MICHIGAN EARLY ROSE. Ours is the true stock, which is all that need be said of this truly popular variety. Per pk., 40c; per bu., \$1.50.

EARLY OHIO. (Red

River Stock.) Our stock of this popular variety is remarkably choice, having been selected with the greatest care. For market purposes it has no superior in point of earliness, yield and quality. Per pk., 50c; per bu., \$1.75.

*Early Rose**Early Ohio*

Field Corn,

Grown in Nebraska.

If to go by mail, add 15c per quart.

—**PRIDE OF THE NORTH.** (90 days.) The earliest corn grown, a 90 day yellow Dent. Planted as late as July 4th, it has fully matured by October 1st. The kernels are closely set together on the cob and stalks usually grow 6 to 8 feet in height, producing one or two good ears. Qt., 10c; $\frac{1}{4}$ bu., 40c; 1 bu., \$1.50.

—**Leaming.**—(90 days.) One of the earliest yellow Dent corns in cultivation. The ears are of good size and handsome, with deep large grains, stalks medium size, generally producing two good ears each. Qt., 10c; $\frac{1}{4}$ bu., 40c; per bu., \$1.50.

—**IOWA GOLD MINE.**—(95 days.) A handsome early corn, ripening a few days after Pride of the North; ears are of good size, very even and uniform in shape, cob small, with very deep grains of a bright golden color, which dry out very quickly as soon as ripe. The best of the medium early Corn for quality and cropping powers. Qt., 10c; $\frac{1}{4}$ bu., 40c; 1 bu., \$1.50.

—**LEGAL TENDER** (110 days.) Of uniform pure yellow color; ear large and long, with deep grains on a small cob, stalks usually nine to ten feet, the ears being set about four feet from the ground. It is very productive, 75 to 100 bu. to the acre being a common yield. Qt., 10c; $\frac{1}{4}$ bu., 40c; 1 bu., \$1.50.

—**GOLDEN BEAUTY.**—(110 days.) Ears 12 to 14 rows of bright golden yellow grains, remarkable in size and filled out completely to the extreme end of the cob. Qt., 10c; $\frac{1}{4}$ bu., 40c; per bu., \$1.50.

—**CHAMPION WHITE PEARL.**—(100 days.) Stalk short and thick. The grains are pure white, deep and heavy, highly recommended. Qt., 10c; $\frac{1}{4}$ bu., 40c; per bu., \$1.50.

—**IOWA SILVER MINE.**—(100 days.) The ears measure from 10 to 12 inches in length and often weigh $1\frac{1}{2}$ lbs. They are very uniform in size and shape, with 16 to 20 straight rows of deep, pure white kernels on a small white cob. Qt., 10c; $\frac{1}{4}$ bu., 40c; per bu., \$1.50.

—**WISCONSIN WHITE DENT.**—(90 days.) Very early, the best White Corn that can be grown in the Northern latitude. It is 16 to 20 rows, kernels large, cob small and mostly white. Qt., 10c; $\frac{1}{4}$ bu., 40c; bu., \$1.50.

CALICO DENT. Known as "Bloody Butcher." Kernels yellow, striped and blotched with red. Much liked by many western farmers who find it very prolific. We have a selection of it which has been very carefully grown and selected in Northern Ohio and it will be found very prolific and desirable for early feed. Qt., 10c; pk., 40c; per bu., \$1.50.

Oats,

Prices are subject to variation without notice.

Golden Giant Cluster.—Its strong straw adapts it to rich bottom land, where common oats will fall down and waste. The heads are compact and often measure over 11 inches in length. The grain is heavy, large and plump, with very thin hull. $\frac{1}{4}$ bu., 20c; 1 bu., 75c.

—**Red Rust Proof Oats.**—Very early, rust proof, does well on thin ground and does not lodge if grown on rich ground, will bear neglect or a bad season and still make a crop. Will weigh over 40 lbs. per bushel. $\frac{1}{4}$ bu., 20c; 1 bu., 75c.

Tree Seeds.

| | Oz. | $\frac{1}{4}$ lb | 1 lb. |
|-------------------------|--------|------------------|--------|
| White Ash | \$0.05 | \$0.10 | \$0.50 |
| Box Elder | .05 | .10 | .50 |
| Black Locust | .05 | .15 | .35 |
| Honey Locust | .05 | .15 | .35 |
| Hardy Catalpa | .10 | .25 | .75 |
| Osage Orange | .10 | .15 | .35 |
| American Arbor Vitae .. | .20 | .60 | 2.00 |
| Norway Spruce | .15 | .40 | 1.25 |
| Red Cedar | | .15 | .30 |

Teosinte.

FINEST FORAGE PLANT GROWN.

Extract from the statement of the experiment station of the State Agricultural College: "This valuable forage plant produces from 20 to 50 or more full-sized stalks from each seed, causing the rows to spread until they reach each other, so forming an impenetrable thicket. . . . The yield per acre on an average for three years was 23.9 tons per acre." Plant in rows 3 feet apart and thin out to 1 foot in the row; about 2 pounds to an acre. The field of Teosinte as shown in the photograph was planted June 19th and cut September 19th, and yielded 38 shocks on 1-6 of an acre cut 4 rows one way; the shocks were as large and some larger than corn cut 16 rows each way. $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.



Partial View of a field of Teosinte on the farm belonging to Dr. J. W. Perkins.

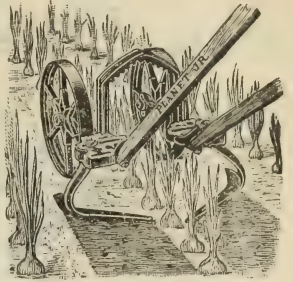
"PLANET JR." GARDEN TOOLS FOR 1902.

Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow. (No rakes.)

This is the prime favorite among the older pattern "Planet Jrs." It is particularly rigid and strong.—Price, \$6.50.

DOUBLE WHEEL HOE NO. 13.

This tool is like above, with 6-in. hoes only, these being the tools that are most generally useful. Any or all of the other tools may be added any time.—Price, \$4.50.



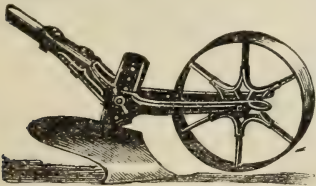
For Late Hoeing,



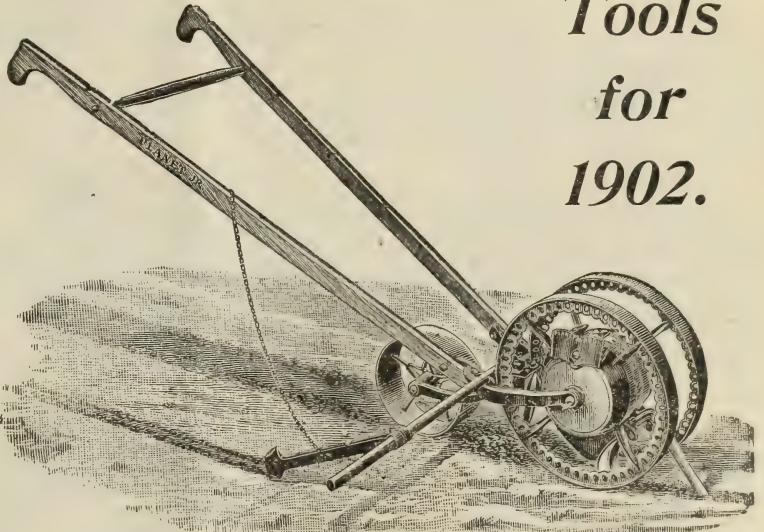
Planet Jr., No. 12 Double Wheel Hoe, Cultivator and Plow,

PLANET JR. NO. 2 DRILL.

As a seed drill, pure and simple, it has a large sale. The sowing cylinder holds three quarts. It sows in an even regular stream, whether there is much or little in the hopper. It can be set to run deep or shallow, and the seeds are deposited in a very narrow line.—Price, \$7.



"Fire Fly" Garden Plow, \$2 25.



Planet Jr., No. 2, Drill,

PLANET JR. NO. 1.

Combined Drill Seeder and Wheel Hoe, Cultivator and Plow. (No rakes.) Satisfactory in every way, both as a drill and as a cultivator. As a seed sower it is the same as No. 2 Drill, but smaller. It has a complete set of cultivating tools; when used as a drill, the seed is sown with great regularity,

and an opening plow puts it in a very straight and narrow line and at uniform depth. The hopper holds three pints.—Price, \$9.00.

A pair of 6-tooth rakes supplied when specially ordered.—Price, 50c.



Planet Jr., No. 1.

"Planet Jr." Garden Tools for 1902.

Write for Catalogue.

Planet Jr. No. 4.

Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow. (No rakes.)—Price \$10.00; as a Drill only, price, \$8.00.

This admirable tool combines in a single convenient implement a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, a cultivator and a plow. It sows in continuous rows with the greatest uniformity, or drops with accuracy in hills, 4, 6, 8, 12 or 24 inches apart. It holds two quarts. Price, complete, \$10.00; Drill only, \$8.00.

No. 3 Hill and Drill Seeder. (no attachments) holds three quarts, Price, \$10.00.



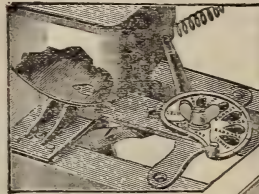
Planet Jr. No. 4.

**Iron Age
Garden Tools.
for 1902.**

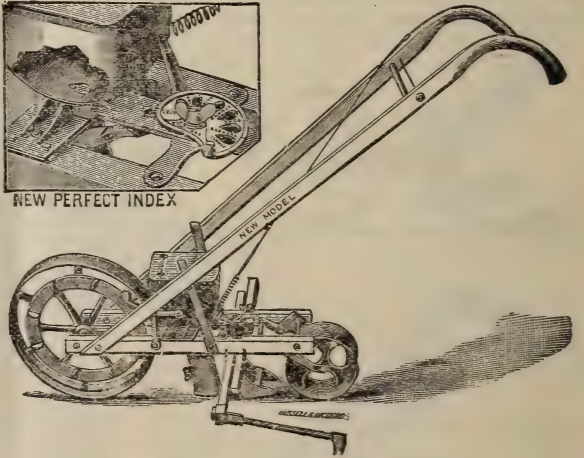
The Keystone Weeder.

The "Keystone Weeder" is the only weeder that is adjustable to any depth and width. It has no shafts that will hinder working close to the fence. It will not clog; the long, curved spring teeth are so placed and shaped that cloggings is impossible. Twelve to fifteen acres can be covered in a day. It requires but one horse, and a boy can handle it. The teeth will not break.—Price, \$9.

NEW MODEL SEED DRILL. Considered to be the best seed drill in use. It sows all garden seeds accurately at any desired thickness or depth in the most perfect and desirable manner; it is remarkable for simplicity and perfection of work; in short, it is rightly called the latest and best. Price, \$6.50.



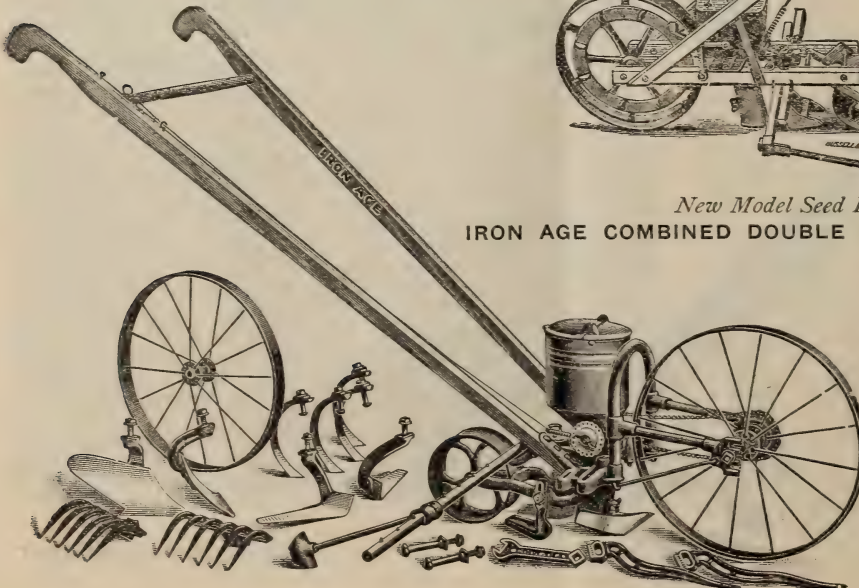
NEW PERFECT INDEX



New Model Seed Drill. \$6.50.

IRON AGE COMBINED DOUBLE WHEEL HOE, HILL AND DRILL SEEDER.

This tool is similar in construction to the combined Wheel Hoe and Seed Drill, but besides drilling it will also drop in hills at 4, 6, 8, 12 or 24 inches apart all the small seeds varying in size from celery to corn. Can be instantly changed to drop from hills to drills or vice versa. It is clog proof. Price, \$10.00.



THE "IRON AGE" COMBINED DOUBLE WHEEL HOE AND SEED DRILL.

We are glad to be able to offer our friends in this tool what is evidently the most complete implement of the kind ever offered. It is a seed drill, a double wheel hoe, a single wheel hoe, a cultivator, plow and rake. It is converted into a perfect seeder by the drill attachment, which is quickly and easily placed in position and which is simple in operation, having no gearing, screws or springs to get out of order. The labor of operation is reduced to a minimum, owing to the light weight of the tubular frame, high wheels, etc. Price \$9.00.

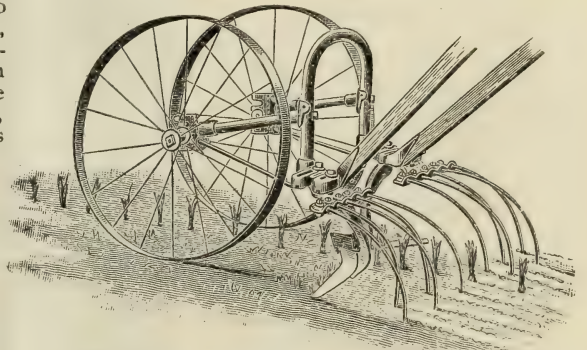
"IRON AGE" DOUBLE WHEEL HOE COMPLETE.

One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moments time. An axle is sent with each double wheel hoe for this purpose. The wheels are sixteen inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil as a low wheel will do. The frame being made of tubing coupled to



The "Iron Age" Combined Double Wheel Hoe and Seed Drill, \$9.00,

made of tubing coupled to maleable castings, gives great strength, together with lightness. Price only \$6 00. Plain, with two side hoes only, \$3.50.



Double Wheel Hoe with Weeder Attachment. Price of Weeder Attachment, per pair, \$1.00.

"Iron Age" Single Wheel Hoe, Cultivator, Plow and Rake. \$5 00.

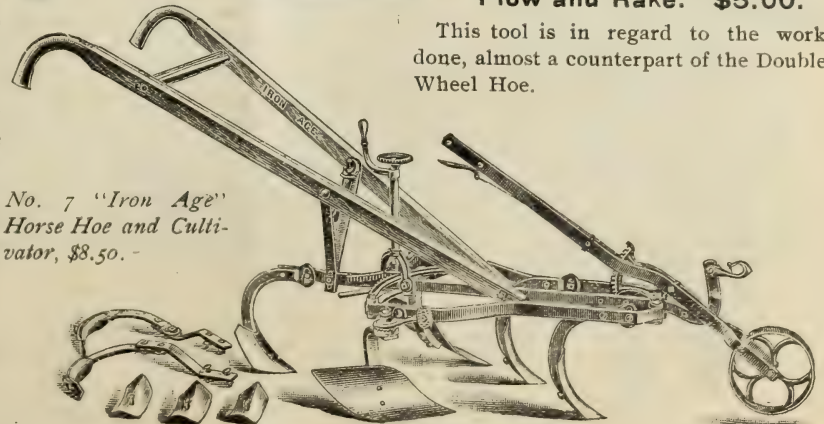
The "Iron Age" Single Wheel Hoe, Cultivator, Plow and Rake. \$5.00.

The No 7 "Iron Age" Horse Hoe and Cultivator.

In our No. 7, "Iron Age" Horse Hoe and Cultivator we offer to the public a device, which without question is the best expander yet introduced. The tool is at all times rigid, this being attained almost as easily and quickly as is the case in an ordinary lever expander.

Price as in cut \$8.50.

Without furrow closing attachment, \$7.25.



This tool is in regard to the work done, almost a counterpart of the Double Wheel Hoe.

The Cyphers Non-Moisture Incubators.

The Cyphers Incubators, for which we are authorized agents, are **FULLY GUARANTEED** by the manufacturers as follows:

First—To require no supplied moisture.

Second—To be self-ventilating.

Third—To be self-regulating.

Fourth—To operate with less oil and at less expense than any other make of incubator.

Fifth—To be fire-proof, having the best, the safest, and the most costly built heater attached to any incubator.

Sixth—To be the easiest to operate and control, requiring less labor and attention than any other make of incubator.

Seventh—To produce larger and stronger chicks than any other make of Incubator on the market.

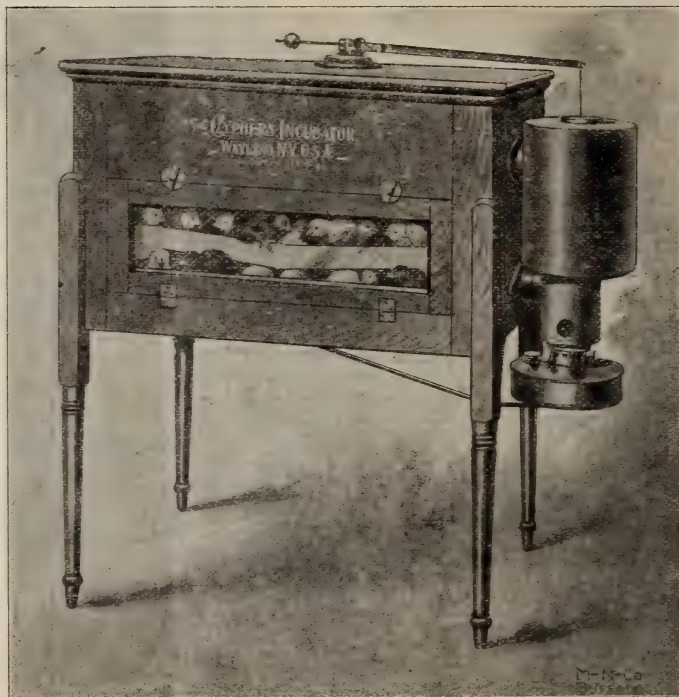
Eighth—Also, that where they are run with any Incubator of a different make, they shall, in three or more hatches, bring out a larger percentage of the fertile eggs in good, healthy chicks or ducklings than does their competitor.

CIRCULARS AND CATALOGUES.

Large 32 page Cyphers circulars sent **FREE ON REQUEST**. Complete Catalogue and Poultryman's Guide, entitled "Profitable Poultry Keeping in All Its Branches," 192 pages, sent postpaid for 15 cents in stamps.

THE "DIFFUSIVE PRINCIPLE."

Mr. Cyphers is the discoverer and patentee of the "diffusive principle" in artificial incubation, a highly important matter, for it was by means of this discovery that he was enabled to render his greatest service to practical, successful incubation by artificial means, by solving "the moisture problem." The Cyphers method and the Cyphers Incubators solved this problem by introducing the diffusive principle and a self-ventilating system which does away absolutely with supplied moisture, retaining in the machine the moisture contained in the eggs, which is ample for all purposes.



The Cyphers Non-Moisture Incubator.

MANN'S BONE CUTTERS. No. 1 B is a perfect small bone cutter, and has no equal for the price and is very popular with owners of small flocks. Can be used for either dry or green bones. Price: No. 1 B (weight 55 lbs.), as shown in cut, \$10.00; mounted on iron stand (weight 80 lbs.), \$13.00.

THE NEW NO. 4 (See Cut.) The most perfect bone cutter ever made. It surpasses all others in easy and rapid cutting. It cuts finer than any other machine ever produced, fine enough for the smallest chicks. Price: No. 4, without iron legs, \$15.00; with iron legs (weight 100 lbs.), \$18.75.

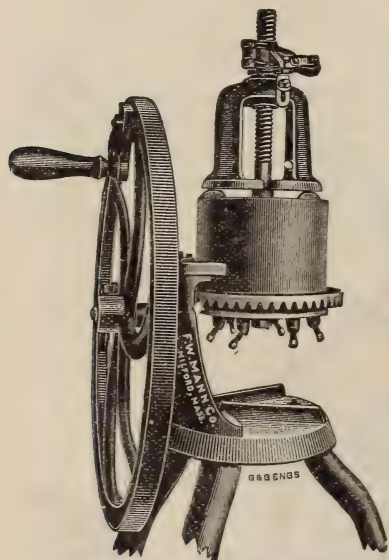
POULTRY SUPPLIES.

Mann's Granite Crystal Grit, either fine or coarse, 6 lbs., 10c; 100 lb. sack, 90c.

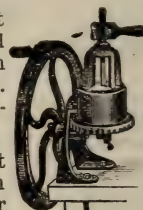
Ground bone (either fine or coarse) 4 lbs., 15c; 10 lbs., 30c; 100 lb. sack, \$2.00.

Crushed Oyster Shells, 4 lbs 15c; 10 lbs 30c; 100 lb. sack, \$1. Pratt's Poultry Food, will keep poultry healthy. 1 pkg., 26 oz., 25c; 5 lb. pkg., 60c.

Lee's Lice Killer—1 qt. can, 35c; 2 qt. can, 60c; not prepaid. Pratt's Food for Horses and Cattle, 12 lb. bag, 75c; 25 lbs. \$1.50.

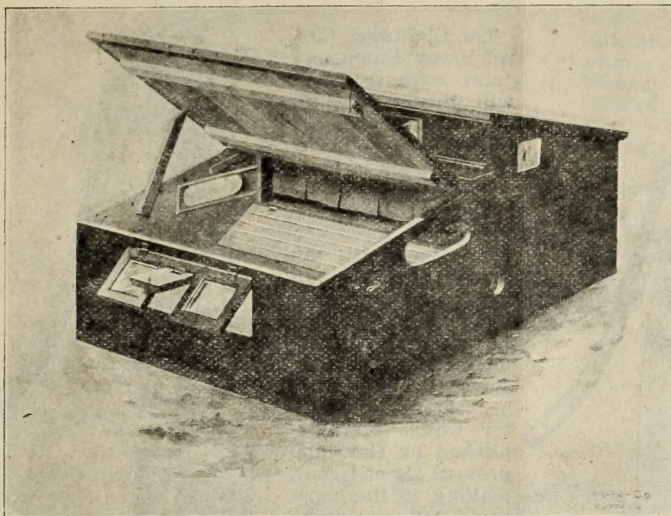


The New No. 4 Bone Cutter.



*Mann's
Bone Cutter.
No. 1, B.*

The Unequaled Cyphers Three-Compartment Brooder.



Out-Door Brooder, Style A. (Front View)

Fifth—The fumes from the brooder stove cannot pass into the chick chamber.

Sixth—The surplus brooder stove heat preserves all the lower wood work of the brooder by warming and drying the soil underneath the brooder.

Seventh—The brooder stove is easy of access, being above ground.

Eighth—This brooder need not be placed in a pit, nor need the ground be excavated for the brooder stove.

Ninth—When the temperature underneath the rounding atmosphere of 80 to 85 degrees, while in the front compartment the temperature will average about 70 degrees. The chicks, therefore, may suit themselves, going to or from the heat at will. (See illustrations.)

Tenth—The round chick guard prevents any crowding of the chicks, and also prevents their coming in contact with the circular heat dome, to their injury.

Eleventh—In the night compartment of this brooder there are no stairs to climb, hence no danger of the little chicks getting lost or becoming chilled while learning the way.

Twelfth—It is the most durable and best made brooder on the market, regardless of price. Both the chick chamber and front run may be reached through full sized doors and these doors or lids are covered with heavy tin, painted with two coats of mineral paint. We unhesitatingly recommend this brooder for both out-door and indoor use. It may be left out in rain storms or wind storms, and with reasonable care, the chicks entrusted to it will be comfortable and do well. All chicks raised in brooders should be provided with outdoor runs and be given necessary exercise, depending on the season and the weather. Many customers of the Cyphers Company have bought these unequaled out-door brooders for use inside of poultry houses, brooder houses, etc., during mid-winter.

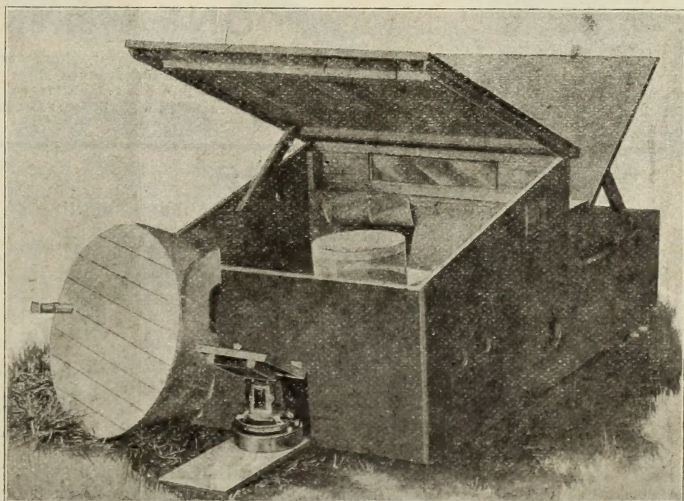
Next to its incubator, the Cyphers Company especially prides itself on the three-compartment Out-door Brooder which it manufactures. We unhesitatingly pronounce this to be the best brooding device on the market, for **Either Indoor or Outdoor Use**, and which are sold at very reasonable figures.

First—It is the largest single flock brooder ever placed on the market.

Second—It is rain proof and storm proof.

Third—It is fire proof, a Cyphers Safety Brooder Stove being used instead of a lamp.

Fourth—A brass cold water pan is used on the Cyphers Safety Brooder Stove, located between the flame and the oil bowl. Cold water placed in this pan keeps the wick from charring and the flame from smoking.



Out-Door Brooder, Style A. (Rear View)

PRICE LIST OF BROODERS.

| | |
|------------------------|--------|
| Style O, Indoor | \$8 00 |
| Style O, Outdoor | 9 00 |
| Style B, Indoor | 10 00 |
| Style A, Outdoor | 12 00 |

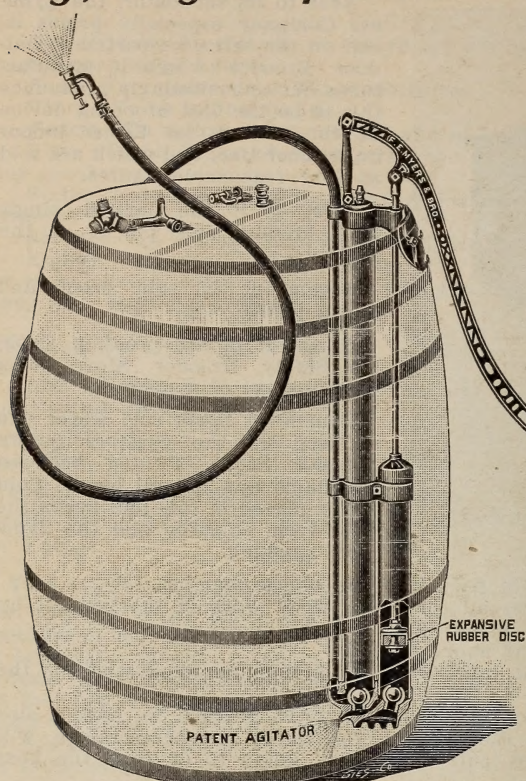
PRICE LIST OF INCUBATORS.

| | |
|---|---------|
| No. 0—60 hen eggs, 48 duck eggs | \$14 00 |
| No. 1—120 hen eggs, 100 duck eggs | 20 00 |
| No. 2—220 hen eggs, 190 duck eggs | 29 00 |
| No. 3—360 hen eggs, 290 duck eggs | 37 00 |

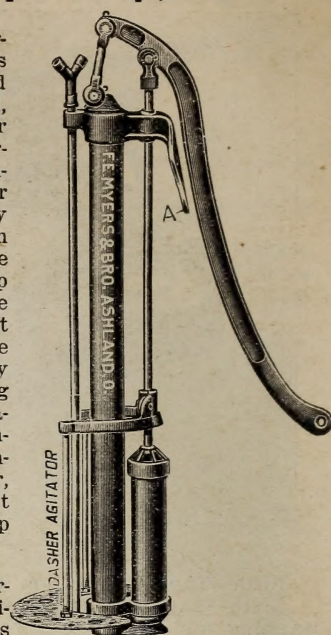
SPECIAL ADVANTAGES IN BUYING OF US. we save you freight.

First, we sell to you at factory prices. Second,

Lightning Compressed-Air Barrel Spray Pump, No. 25.



The Lightning Barrel Spray Pump has great capacity, and will throw a solid, continuous stream or any size spray desired. The air is compressed into the air chamber, thereby giving an unbroken stream; or with one stroke of the pump handle the pressure is retained so that the working of the pump handle is very slow, and yet giving a great force of water, which is accomplished by the compressed air chamber, making it the most rapid spraying pump made.



The agitator thoroughly stirs the liquids, and prevents the same from settling. It is also provided with a brass strainer in the bottom of the suction barrel. The suction barrel is made of heavy brass, and all valves are made of the best brass, and ground together, so that all parts fit absolutely air-tight, and will not corrode or rust out. This pump is easily and quickly adjusted to any barrel, and provided with means of bolting to the staves of the barrel at the upper end. Price, \$7.00.

MIDLAND FORMULAS—Ready Mixed.

1. Nursery Chick Food.
2. Growing Chick Food.
3. Fattening Chick Food.
4. Egg and Feather Producing Food.
5. Nursery Duckling Food.
6. Growing Duckling Food.
7. Fattening Duckling and Gosling Food.
8. Laying Duck Food.
9. Stock Ducks' Summer Food.
10. Growing Gosling Food.

200 EGGS TO ONE HEN.

Profit is only assured where every pound of feed is made to show returns. It costs but very little to try it and be convinced. Price, 2 bu. sack \$1.50.

This is the average your flock should produce; and it is only made possible by the use of

MIDLAND POULTRY FOOD.

We have Ten Brands, as shown here, and each one is a specific for its purpose. They are a combination of Grains and Brains, complete and ready to feed. Needs no green bone or other accessories. There is not, and never has been anything on the market to compare to it.

FERTILIZERS.

FERTILIZERS. Bone and Blood—For cabbage, cauliflower, corn and other crops of big surface growth; not desirable for root crops; 5 lbs., 25c; 10 lbs., 40c; 100 lbs., \$2.

Fine Ground Beef Bone—For meadows, grass land and lawns, on light loamy or sandy soils, and fall wheat. 5 lbs., 25c; 10 lbs., 40c; 100 lbs., \$2.00.

Lawn Fertilizer—25 lbs., \$1.00; 100-lb. sack, \$2.50.

Land Plaster—3 lbs., 10c; 5 lbs., 15c; 100 lbs., \$1.50.

ARMOUR'S FLOWER FOOD.

(Odorless.)

An excellent food for flowers and house plants, insuring a steady growth, healthy foliage and early bloom. Contains a larger percentage of Plant Food Elements than any other flower food. Guaranteed to derive all of its Phosphoric Acid from Animal Bone, and not to contain phosphate rock or acid phosphate in any quantity. It is preferable to vegetable and stable fertilizers, because it does not breed worms and insects. ½ lb. pkg., 15c; 1 lb. pkg., 25c; not prepaid.

GUARANTEED ANALYSIS.

| | | |
|---------------------------------|----|----------------|
| Amonia | 8½ | to 9 per cent |
| Available Phosphoric Acid | 14 | to 15 per cent |
| Potash (K2O) | 12 | to 13 per cent |





Lightning Compressed Air Sprayer.

This sprayer is made of heavy galvanized iron and holds nearly four gallons of liquid. The pump is made on the outside and the air is forced through the inside valve. It is also provided with a safety valve which prevents over pressure, so that when the air is forced in the safety valve will blow off, after it reaches its proper degree of pressure. This sprayer is provided with two nozzels, one for spraying tall trees and the other for shrubbery. After the air is pumped into the Lightning Compressed Air Sprayer there is no more labor required. It will spray ten acres of potatoes in a few hours, as it covers two or three rows at a time. The illustration shows one of the many kinds of work for which the Lightning Compressed Air Sprayer is adapted. Price, each \$5.00.

LIGHTNING INSECT EXTERMINATORS.

Every household will have one when they know its value. It is adapted for all kinds of insect killing and spraying purposes, either for plants in the open field or house plants, shrubs, trees, etc., for spraying walls infected with insects, roosts of poultry houses, etc., etc.

No. 1—Made of heavy tin—Each 50c. (See cut).

No. 2—With a brass reservoir, and the entire machine copper plated and highly polished—Each \$1.00.

No. 10—Made with galvanized reservoir—Each 80c.

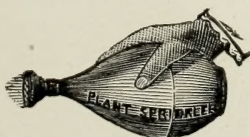
No. 20—Encased Glass (See cut) Each 75c.

No. 23—Made only of plain galvanized iron, with large reservoir—Each 75c.



PRUNING SHEARS (Henckel's.)

Three different sizes, \$1.00 each. Pruning Shears, common, 50c. each.



Sprinkler, Scollay's, - - \$1.00, Medium, 75c.

Scollay's Putty Distributor, price \$1.00.

Trowels, Steel, 8 inch 30c, 7 inch 35c, Common 25c.

Dibber, for transplanting, steel point 30c, postpaid 40c.

Bordeaux Mixture—Prevents black rot, mildew and rust. Destroys fungus growth on vegetables. 1 quart can 50c.

London Purple—1 lb. to 200 or 300 gallons of water. $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 25c, 1 lb. 40c.

Paris Green—1 lb. to 200 or 300 gallons of water. $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 40c.

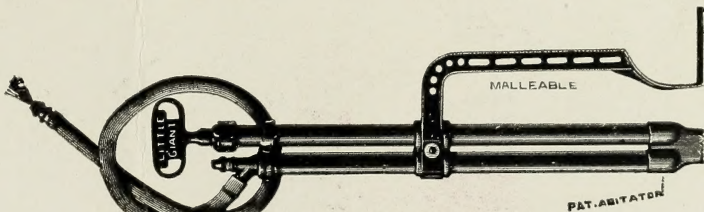
Persian Insect Powder— $\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 30c.

Slug Shot (Hammond's)—5 lbs. 35c, 10 lbs. 65c.

Tobacco Dust—1 lb. 10c, 5 lbs. 30c, 10 lbs. 50c.

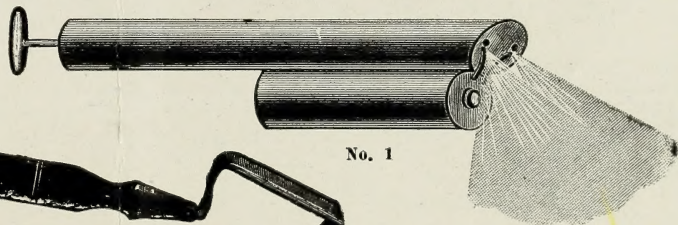
Whale Oil Soap—Makes an excellent wash for trees and plants where insects and eggs affect the bark. $\frac{1}{4}$ lb. box 10c, $\frac{1}{2}$ lb. box 15c.

Grafting Wax—lb. bar. 40c, if by mail add 10c. per lb.



LITTLE GIANT SPRAY PUMP.

Constructed entirely of brass; all labor is done on the downward stroke; provided with large air chamber and ball valves, so that the nozzle throws a continuous spray. Each \$3.25.



Weeder, Hazeltine, 25c.



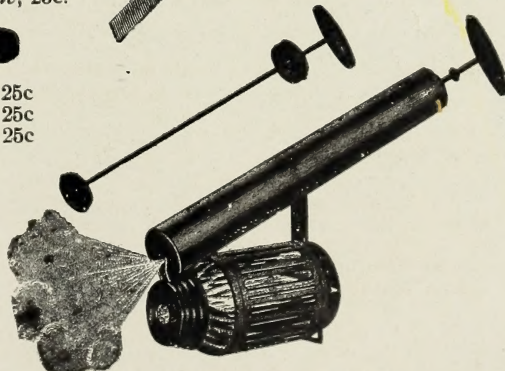
Lang's Weeder - 25c

Excelsior Weeder 25c

Noy's Weeder - 25c



Mole Traps
Each - \$1.00



INSECT DESTROYER.



STECHER LITH. CO. N. Y.

one oz. package of choice mixed Sweet
Peas like above 15c. two for 25c.